



# TRANSPORTATION ADVISORY COMMITTEE

## BOARD DETAILS



OVERVIEW



**SIZE** 7 Seats



**TERM LENGTH** 3 Years



**TERM LIMIT**

Charge is to advise the Town on transportation projects and policies through an integrated approach that reflects all modes of transportation, including transit, cycling, pedestrian and vehicular.

The Committee shall consist of of seven members appointed to three years term arranged such that as nearly equal a number as possible expire every year, provided, however, that the initial terms shall be staggered for this purpose.



DETAILS

### ENACTING RESOLUTION

ENACTING RESOLUTION  
WEBSITE



# TRANSPORTATION ADVISORY COMMITTEE

## BOARD ROSTER



**JAMES FREAS**

**1st Term** Jul 23, 2018 - Jun 30, 2021

**Appointing Authority** Board of Selectmen

**Position** Member



**DAVID F GUTIERREZ**

**1st Term** Aug 22, 2017 - Jun 30, 2020

**Appointing Authority** Board of Selectmen

**Position** Member



**TIMOTHY M KELLEY**

**1st Term** May 19, 2016 - Jun 30, 2019

**Appointing Authority** Board of Selectmen

**Position** Member



**JOSHUA OSTROFF**

**2nd Term** Jul 01, 2017 - Jun 30, 2020

**Appointing Authority** Board of Selectmen

**Position** Member



**BETTY SCOTT**

**1st Term** Jul 01, 2016 - Jun 30, 2019

**Appointing Authority** Board of Selectmen

**Position** Natick Center Associates Representative



**VACANCY**



**VACANCY**

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## Profile

Bala	K	Thillainathan
First Name	Middle Initial	Last Name

tbgnath@gmail.com
Email Address

24 burning tree rd	
Street Address	Suite or Apt

Natick	MA	01760
City	State	Postal Code

### What district do you live in? \*

☒ Precinct 2

Home: (617) 467-4333	Mobile: (617) 652-1436
Primary Phone	Alternate Phone

SGT Inc	Technical Lead
Employer	Job Title

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### Which Boards would you like to apply for?

Transportation Advisory Committee: Submitted

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### Are you a registered voter in the Town of Natick?

☒ Yes ☐ No

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### Have you ever attended a Natick town meeting?

☐ Yes ☒ No

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### Have you ever served on a board, committee, or commission in the Town of Natick?

☐ Yes ☒ No

If yes, please list name(s) of board, committee or commissions, along with date(s) of service:

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## Interests & Experiences

Why are you interested in serving on a board or commission? Are there any changes you would like to see to these boards, committees and/or commissions?

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I am excited to be part of a group exploring ways of improving the quality of life in Natick

Are you a graduate of the Natick Community Services Citizen's Leadership Academy?

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☐ Yes ☒ No

Please list any skills or specialized knowledge you can bring to these boards, committees and/or commissions.

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20+ years of Software/IT experience

Please list any professional affiliations.

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Let us know what other specialized interests or hobbies you might have.

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Reading non-fictional books and books about developing my leadership skills; Playing ping pong & basketball.

[BalaResume.docx](#)

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Upload a Resume

**Bala Thillainathan**

24 Burning Tree Rd, Natick MA. Tel: 617-652-1436 [tbgnath@gmail.com](mailto:tbgnath@gmail.com)

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**Objective:** *Highly motivated, detail-oriented, self-starting **Team Lead** with over 18 years of software development experience and around three years of leading experience seeking role in a professional environment that encourages innovation, recognition and career growth.*

**Career Accomplishments:**

- ❖ Led team of developers to design, develop, test and deliver modules that is part of a comprehensive, sophisticated aviation safety system
- ❖ Developed and supported complex clinical applications for #1 hospital in the country
- ❖ Designed and implemented solutions connecting diversified environments
- ❖ Worked closely with clinical staff building requirements and functional specifications
- ❖ Developed and supported encrypted integrations for Fortune 500 companies
- ❖ Collaborated with vendors in integrating their products via secured web services
- ❖ Developed and implemented résumé data extraction engine using Natural Language Processing
- ❖ Developed and implemented OCR technology to process paper résumés
- ❖ Recipient of “Night on the Town” award for automating on-call support
- ❖ Helped developers from other teams in resolving their technical issues
- ❖ Delivered quality software always with a focus on Users’ needs

**Strengths:**

- ✓ Proficient in troubleshooting and debugging software issues
- ✓ Good team player with good analytical, problem solving and leadership skills.
- ✓ Has good verbal/written communication and presentation skills
- ✓ Willingness to learn and adapt to new technologies and teams.

**Technical Skills:**

- C#, Silverlight, Visual Basic 6.0, JavaScript
- Intersystem’s Caché and Caché objects
- SQL Server 2008 (& prior versions) and MS Access
- WCF/Windows/Web services, SOAP, XML, XSL/XSLT and HTML
- ASP.NET, Microsoft Entity Framework, ADO.NET, ADO, DAO, RDO and OLEDB
- Object oriented programming (OOP), VBA Automation, IIS and COM+
- Citrix MetaFrame XP server, Exchange Server 5.5 and SharePoint 2010
- Visual Studio 2010, Team Foundation Server 2010 and Visual Source Safe
- Exposure to Software Design Patterns

**Education:****MS in Information Technology Management (2008)**

Brandeis University - Waltham, MA

**BS in Computer Science and Engineering (1995)**

Manonmanium Sundaranar University – India

## **Professional Experience:**

2013 - Present, Workstream Lead  
Stinger Ghaffarian Technologies, Cambridge, MA 02142

### **Responsibilities:**

- Lead a team of developers to design, develop, test and deliver modules that is part of a comprehensive, sophisticated aviation safety system
- Collaborate with business and QA preparing functional/requirement specifications documents via SharePoint
- Co-ordinate and support the test events that demonstrates upcoming features to customers
- Work with members of development/business/QA teams to design/enhance new/existing features
- Enhance and maintain FAA Safety Assurance System (SAS) application.
- Utilize hands-on, detailed design and coding skills in Microsoft .NET

2006 - 2013, Systems Designer  
Partners HealthCare Systems, Charlestown, MA 02129

### **Responsibilities:**

- Rewrote legacy VB 6.0 applications in .NET/C#/Silverlight/SQL Server 2008
- Supported and enhanced existing legacy windows/web based critical clinical applications
- Supported and enhanced existing SOAP/.NET Web services consumed by other departments at the hospital
- Participated and performed code reviews
- Worked closely with web hosting and infrastructure teams in hosting/troubleshooting SOAP/WCF/.NET web services
- Provided on-call support to the clinical staff at the hospital 24x7 every month
- Wrote and maintained on-call support and other technical documents for the development team

### *Key Accomplishments:*

- Participated in entire software development lifecycle of web based Enterprise (clinical) application that will have 1 to several hundreds of users. This application uses Microsoft technologies C#, ADO.NET, Entity Framework, Silverlight, Logging Application Block, LINQ to SQL/objects, Threading.
- Used Scrum and Agile software development methodology
- Designed, developed, tested and released code containing approximately around 200K LOC, 400 C# objects updating 200 databases objects
- Developed and implemented solution to push real-time patient scheduling data from one environment (Caché) to the other (MS SQL Server) using secured WCF services and Caché objects
- Supported and maintained (read only) web site used by more than 1000 users (mostly doctors and nurses) in the hospital using SOAP/XML web services
- Automated adding of clinical staff and assigning them access rights in the new system via SQL scripts
- Successfully resolved a memory problem with one of the hosted .NET WCF service by closely working with members from web infrastructure team
- Designed and implemented solution to upload Caché data into SQL Server using DTS packages; closely worked with SQL DBA team in hosting and releasing these packages to appropriate environments.

- Acted as a point of contact for Configuration Management in maintaining configuration files
- Used variety of Software Design Patterns; Factory, MVVM, Chain of Responsibility – to name a few
- Automated generation of PACU reports in Excel spreadsheet using SQL server and VBA automation
- Collaborated with team of around 15 people which includes developers, analysts preparing functional/requirement specifications documents via MS SharePoint and an internal communication tool (TCS)
- Performed/participated in peer/self code review sessions mainly to prevent build failures but also to minimize introducing new bugs
- Participated in on-call support and maintenance activities enabling clinical staff to provide uninterrupted care for our patients
- Documented/communicated new on-call problems for/to the team and explored ways to prevent it in the future and applied appropriate fixes

2001 - 2006, Software Developer  
Kenexa Inc (formerly BrassRing Inc), Waltham MA 02452

Designed and built BrassRing's Recruitment Process Outsourcing search engines, résumé extraction engine using Microsoft Technologies such as C#, ASP.net, SQL Server, COM+, Visual Basic 6.0 and MS Access.

*Key Accomplishments:*

- Implemented AES/RSA encryption using C#.NET web service
- Designed and developed automated rendering of candidate search UI based on templates created & stored by end users (recruiters)
- Developed the core component of a second generation résumé extraction engine using natural language processing which was used on our candidate facing web sites; the engine supported English and seven Western European languages
- Built an assisted résumé extraction tool, which used the extraction engine, supporting 300+ users working remotely
- Developed and supported résumé mapping tool to process paper résumés; this involved display of TIFF images and extracting its content using OCR technology
- Awarded "Night on the Town" award for automated the monitoring of production applications/services 24x7 using Sitescope®

2001 - 2001, Programmer Analyst  
[ADEA Group, Inc.](#) Dallas, TX.

January 1998 to February 2001  
[Polaris Software Lab, Inc.](#) Iselin, NJ 08830.

I worked as Consultant at several client sites such as Hooper Holmes Inc., Wells Fargo Bank., Blockbuster Inc., and Gamestop.com.

Jan 1995 to Jan 1998 Programmer Analyst  
Polaris Software India, Ltd. Chennai, India.

**Volunteer Experience:**

- Coaching Basketball for kids (under 10 years) at Newton Boys & Girls club
- Participate in school PTO fund-raising, traffic & safety activities