

# ABHINAV BHATTA

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## EDUCATION

### **University of the Pacific, Stockton, CA**

- MS in Engineering Science (Computer Science Concentration)

**Anticipated Graduation: May 2021**

### **University of Maine, Orono, ME**

- BS in Computer Science: GPA: 3.5

**Graduated May 2016**

## SKILLS

- **Languages:** Java, SQL, jQuery, Angular, Node.js, Express.js, Bootstrap, Javascript, HTML, CSS.
- **Tools:** Eclipse IDE, Microsoft SQL Server Management Studio, Visual Studio Code, Android Studio, Microsoft Visual Studio, Oracle PL/SQL Developer, PostgreSQL, JIRA.

## PROFESSIONAL EXPERIENCE

### **Software Engineer - TR3 Solutions, Stoneham, MA**

**June 2016 - June 2019**

- Practiced full development life-cycle of web applications using Java, SQL, jQuery, Bootstrap, Tomcat, HTML & CSS.
- Created permissions-based cloud storage web application (like Dropbox, GDrive) that decreased mail server load by 3x.
- Developed sales, forecast, replenishment and logistic data reporting web applications using Java, SQL, jQuery, Bootstrap, HTML & CSS.
- Optimized SQL queries for performance tuning that reduced query runtimes.
- Created tools in Java that automatically parse Excel, txt, CSV files, and stored in databases.
- Developed applications using Agile methodologies (JIRA) and version control (SVN).

### **Application Development Intern - Nationwide Insurance, Des Moines, IA**

**May 2015 - August 2015**

- Developed Java applications to automatically parse logs and generate PDF reports.
- Converted SQL queries and stored procedures from legacy systems to be compatible with current infrastructure.

### **SQL Programmer/Tech Support - University of Maine, Orono, ME**

**May 2013 - May 2016**

- Wrote SQL scripts to generate Ad-Hoc reports using Oracle PL/SQL Developer.
- Collaborated on database projects involving data entry, tracking, linkage and management.

## PROJECTS

### **Moodmate - Angular Web Application - 2019**

- Developed a single page web application to create customized Spotify playlists by following client-side MVC patterns using modern JavaScript frameworks such as Angular, Express.js, Node.js and Bootstrap, HTML5, CSS.
- Created APIs using Express.js and used the Spotify Web API to create playlists.
- Successfully deployed web application to Heroku (<https://moodmate.herokuapp.com>).

### **SajjanRajVaidya - Angular Web Application - 2018**

- Developed a website for a Nepali artist Sajjan Raj Vaidya to showcase his music.
- Implemented responsive design and used Angular, Express.js, Node.js, Bootstrap, HTML5, CSS to build the web application.
- Consumed MailChimp API to implement subscriber mailing lists.
- Implemented NodeMailer to help send emails to the artist through the application.
- Successfully deployed web application to Firebase (<https://sajjanrajvaidya-b7e09.firebaseio.com>).

### **UMaineTrade - Android App - 2016**

- Developed eBay-like e-commerce application allowing users to post items on the marketplace.
- Implemented authentication (Login, Sign Up verification and Forgot Password features) using Java servlets.
- Designed and implemented PostgreSQL database.
- Created and maintained Git repositories to collaborate with other developers.

### **Caller ID Application - Database - 2016**

- Designed and developed relational database, and wrote SQL scripts using Microsoft SQL Server Management Studio.

### **MovieInfo - Android App - 2016**

- Developed Android App by consuming OMDb RESTful API to display ratings for Movies & Shows.

## LEADERSHIP EXPERIENCE

### **Graduate Teaching Assistant, University of the Pacific, Stockton, CA**

**August 2019 - Present**

- Responsible for assisting CS faculty members by grading assignments, class participation, and exams.
- Assisted students with coursework in Algorithms, Operating Systems and Game Design.

### **Resident Assistant, University of Maine, Orono, ME**

**January 2013 - May 2016**

- Planned social, educational and recreational events to promote student awareness and community development.
- Coordinated with team members, supervisors, and other student leaders to organize building wide programs.