

PRASAD U S

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EXPERIENCE

BOOMERANG COMMERCE | SOFTWARE DEVELOPMENT ENGINEER

May 2016 – Present

- Being a part of core development team, contributed to Matching Algorithms based on Cosine Similarity.
- Developed an API Management layer (REST) to quickly on-board third party APIs using open source tools.
- Implemented a monitoring service to collect product metrics and to support alerts using Prometheus and Grafana.
- Written Ad-Hoc Scripts/Applications to migrate data from MySQL to Redshift.
- Worked with IntelliJ, Java, Spring, Dropwizard, AWS etc.

BLUEJEANS NETWORK | SOFTWARE ENGINEER

December 2014 – April 2016

- Helped in developing an API Management layer on top of BlueJeans internal REST APIs (Microservices) using Apigee Edge.
- Involved in the development of BlueJeans Desktop App for Windows; helped in leveraging Chromium architecture and NPAPI Plug-In to a Desktop App to deliver a high quality video experience.
- Contributed towards UX rich features like Screen Sharing, App Sharing, Video Recording etc.
- Integrated BlueJeans REST SDK with the App to support scheduling functionalities and syncing with the WebApp.
- Developed BlueJeans Outlook Add-In from scratch by designing and implementing features such as auto-update, calendar sharing, HTML formatted invites, delegate scheduling etc. and delivered quick fixes to customer issues.
- Developed an integration for Skype for Business which provided an easy to use single click interface for Ad-Hoc Meetings.
- Worked with Visual Studio, C#, Win32, Advanced Installer and WiX Toolset.

PROJECTS

DESKTOP APP FOR FACE RECOGNITION (<https://github.com/prasadus92/FaceRecognition>)

- Designed and developed a Face Recognition App aimed at increasing accuracy, speed and reliability by optimizing detection and recognition algorithms.
- Implemented advanced method of extracting and matching Eigen Vectors of face images using their pixel matrix representations which helped in better average calculations.
- Worked with NetBeans IDE and Java.

WEB-BASED BILLING AND INVOICING APP (<https://github.com/prasadus92/Web-based-Billing-and-Invoicing-App>)

- Designed and developed a web based PDF invoice generator which is a generic application that enabled users to maintain their payment catalogs for any type of financial transaction in a simple and easy way.
- Worked with NetBeans IDE, PHP and MySQL.

EDUCATION

VISVESVARAYA TECHNOLOGICAL UNIVERSITY | BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

September 2010 - May 2014 | Karnataka, India • CGPA: 9.05 (83%)

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, DBMS, Operating Systems, Object Oriented Programming, Computer Networks, Engineering Mathematics, Design Patterns

SKILLS

TECHNICAL

Programming Languages:

Java • C# • C • Python (Basic)

Frameworks/API:

Spring • JUnit • .NET

Web Technologies:

HTML • CSS • JavaScript • RESTful Web Services

Databases:

MySQL • Redshift • DynamoDB

Tools:

AWS • IntelliJ IDEA • Maven • Apigee Edge • Visual Studio • Jenkins • Git

Documentation:

LaTeX • Markdown

COMMUNICATION

Full professional proficiency:

English

Native proficiency:

Kannada (Indian Regional Language)

Elementary proficiency:

Hindi (Indian Official Language)

ACHIEVEMENTS AND OTHER WORKS

BlueJeans Quarterly Engineering Award Q1 2015 (All Star)

Web Developer and Volunteer in Sumanahalli Society (Social Service)