

Parag Kiran Rajhans

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Professional Experience

Blume Global, Inc

Pleasanton, CA

ASSOCIATE ENGINEER

January 2019 - Present

- Improved existing API services to have idempotency by developing efficient algorithms and improved latency
- Worked with the Product & UI/UX team to gather requirement for Blume Global Dispatch Manager and Shipment Visibility
- Revamped UI and created custom Angular components for the customer facing Blume Global Logistics product
- Implemented Mock Frontend, which simulated all the HTTP requests of the actual Frontend and Backend Testing
- Improved the database query runtime for matching claims with user using database indexing
- Worked on migrating Angular components to React

Gas Technology Institute

Binghamton, NY

RESEARCH ASSISTANT

September 2018 - October 2018

- Involved in developing new standards to record each component's property and transmit, receive and store data
- Documented data definitions for each components' properties with GS1 standards and eventually publish new standards
- Developed software to demonstrate the use of intelligent construction component & designed validation programs

Tata Consultancy Services

Mumbai, India

ASSISTANT SYSTEMS ENGINEER

December 2014 - June 2016

- Developed & designed Patient Analytics Dashboard broadcasting various analytics of patients admitted in the hospital
- Developed APIs for various reports like demographics report, illness report, admission duration report, death report
- Provided web design and development expertise in support of new application development and maintenance.
- Designed interactive, mobilized websites whilst maintaining the front-end functionalities
- Monitored site traffic and proactively implements site enhancements in terms of capacity and scalability
- Performed user interface testing, integration testing and functional testing.

SangamOne Connected Services

Binghamton, NY

FRONT END DEVELOPER INTERN

June 2014 - August 2014

- Designed user interface for database of banks' details and developed secure login page for users
- Administered database for Android and iOS for ApnaKhata: Universal Mobile Banking Application

Education

Binghamton University | Thomas J Watson School of Engineering

May 2018

MASTER OF SCIENCE, COMPUTER SCIENCE

Ramrao Adik Institute of Technology | Mumbai University

June 2014

BACHELOR OF ENGINEERING, INFORMATION TECHNOLOGY

Projects

WebDev | PYTHON, JAVASCRIPT, BOOTSTRAP

February 2018

- Designed an initial phase of a web page and systemized connectivity with the database using the Flask framework
- Performed data extraction from the application and fetching it on the web server using MySQL

Retail Business Management System | MySQL, JAVA

December 2017

- Wrote PL/SQL procedures, functions to fetch relevant inventory details from tables, implemented triggers and sequences
- Developed an interactive graphical user interface using Java servlets and MVC to display results on the web

SimpleWebService | JAVASCRIPT, JSON, MONGODB, EXPRESSJS

October 2017

- Developed an authentication web-service that extract JSON objects using the express framework whilst maintaining database
- Created API requests using Restlet client and performed authentication of users using the bcrypt algorithm

Guess What | JAVA, ANDROID PROGRAMMING

May 2017

- Developed an Android application that involved sketching your daily activities by overriding the Android onDraw method
- Authenticated users using Firebase authentication and sharing the canvas in real time with GPs and path defining algorithm

Technical Skills

Languages

Java, JavaScript, C, Python

Frameworks/APIs

AngularJS, Angular, React, ExpressJS, NodeJS, Spring MVC, jQuery, Flask

Data Stack

MySQL, Oracle, MongoDB, mLab

Dev Tech/Tools

HTML5, CSS3, PHP, NPM, JSON, Mocha, ES6, Typescript, REST, XML, Eclipse, STS, AWS, GitHub, GitLab, SVN, VS Code, MySQL Workbench, Oracle SQL Developer, GCP, Android Studio, Postman

Leadership Experience

Tata Consultancy Services | Module Lead

December 2015 - February 2016

Ramrao Adik Institute of Technology | Event Head at Training & Placement Committee

September 2013 - May 2014

International Society for Krishna Consciousness | Volunteer

August 2009 - June 2016