Aravindhan Venkituswamy

☏ +1 (607) 232 9492. ✉ arvindwidu@gmail.com

⌁ aravindvenkit.com
in linkedin.com/in/aravind-venkit
⌨ github.com/aravindwithu

Experience

American Express - GBT   Scottsdale, AZ, USA
Software Developer Contractor   Aug 2018 – Dec 2018
- Designed and developed UI based on Angular, Typescript, and SCSS for enterprise level application.
- Transformed SOAP based legacy java application to a spring boot based RESTful web API application.
- Utilized technologies such as Docker, Microservices, and Kubernetes for containerization, & load balancing.
- Deployed in private cloud-based CD/CI environment constructed using Jenkins, EPASS, and Open Shift.
- Developed & migrated the database from Oracle DB to Postgres DB, written various scripts and procedures.
- Followed 3 weeks sprint based agile-scrum environment with tools like JIRA, confluence, git enterprise.

Radixlink   Chandler, AZ, USA
Full-stack Developer Intern   Jun 2018 – AUG2018
- Developed and deployed full-stack web apps in an Agile Scrum environment along with GIT repository.
- Front-end based on Angular 2+, HTML5, CSS3, JavaScript, back-end in NodeJS, Redis, and MongoDB.
- Developed geofencing, and location identification system based on Google Maps API.

MoHelp App   Columbia, SC, USA
Mobile Developer Intern   Jul 2017 – Aug 2017
- Completed mobile application development internship based on Ionic 2, Angular 2+, and Bootstrap.
- Designed and Implemented Uber-like round-robin REST API requests in Node.js, Mongo DB, and Redis.
- Worked in Agile-scrum environment, with Cordova(hybrid mobile app), Typescript, HTML5, SCSS, and JSON.

Tech Mahindra   Chennai, TN, India
Software Engineer   Jul 2012 – May 2016
- Involved from the scratch to build a web application in lightweight MVC architecture.
- Worked on CD/CI along with GIT for automatic deployment in the Agile-Scrum environment.
- Developed a web app based on HTML5, CSS3, JavaScript, Angular, REST Web API, and Bootstrap.
- Adopted Existing Business eligible for 3rd party consumption as well, which saves up to 70% cost & efforts.
- Constructed the core financial module where more than 5 million transactions are made every month.
- Written various procedures and scripts on Oracle DB, worked on Informatica power center ETL tool.
- Utilized dynamic statements, SQL profiler, SSRS, SSDT, SSIS and handled SQL migrations from SQL Server.
- Improved performance of numerous SQL procedures and functions with indexing & query optimizations.

Technical Skills

Languages	Java, JavaScript, C#, C, HTML5, CSS3, Typescript, Python
Technologies	Angular, Node.js, Spring Boot, Ionic2, GCP, Firebase, Microsoft
Tools	GIT, Kubernetes, Docker, Microservices, Informatica, Tableau, Jenkins
Databases	Oracle DB, Postgres DB , SQL Server, MongoDB, Redis

Education

Master of Science in Computer Science   Aug 2016 – May 2018
Binghamton University, State University of New York, USA.
Bachelor of Engineering in Electronics and Communication   Jun 2007 – May 2011
Anna University, Chennai, India.

Internship & Academic Projects   Aug 2016 – May 2018

Weather Prediction Systems (Advanced Cloud Computing)
- Completed cloud-based application including data collection using various Docker-based microservices.
- Utilized Kubernetes (Google Cloud) for auto- deployment, load balancing, and auto-scaling.
- Used Java, Spring-boot, Tableau, MongoDB, and swagger to develop various microservices.

Task Management System (Firebase serverless web app)
- Developed a serverless application with firebase, Angular, Bootstrap, HTML, CSS, Typescript and SendGrid.
- Utilized firebase products are authentication, cloud firestore, cloud storage, hosting and cloud functions.

Data trend prediction (Data Mining)
- Developed Project regarding time-series data trend prediction in e-commerce, using R-language.
- Utilized backward propagation Neural network and ARIMA to find the accurate result in data prediction.