Vaibhav Shanbhag

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SUMMARY

- A highly motivated and team-oriented software engineer with an understanding of software architecture, agile development, data modeling and object-oriented programming concepts. Able to take challenges, solve problems and learn from peers and mistakes for professional growth.

EXPERIENCE

Software Engineer, **Avis Budget Group** (via Tata Consultancy Services) *Jun 2021 - Present*
- Developed internal Java utility to identify customers under bad debt profile, resulting in improved financial data storage in the customer profile database. Increased overall profits by 13% from bad debt records for rental service team
- Designed Java bean class for service binding with UI to display the XML response from SOAP API to the main dashboard page developed in JSF
- Implemented back-end REST API requests using Spring Boot MVC to map mainframe requests/responses to json format and monitored logs on Grafana
- Developed stored procedures in Oracle Database

Software Engineer, **Tata Consultancy Services** *Mar 2021 - May 2021*
- Participated and Completed 9 weeks Initial Learning Program module with hands on Full-Stack Development training
- Prototyped and Developed an Online Grocery Shopping Website "**Grocers**" using MEAN stack technology as a part of capstone project - team of 5
- Constructed Express.js server to efficiently handle HTTP/API requests by engaging the middleware design pattern and writing multiple routers and controllers to segment back-end requests
- Designed components in Angular using Typescript as per the use cases for Users and Admin panel collectively
- Containerized application using Docker and AWS for consistent cross-environment development resulting in a maintainable, flexible, and easily scalable codebase
- Delivered the final project to stakeholders within 2 weeks using agile software development approach

Junior Full Stack Engineer, **NYC Sports LLC** *Jul 2020 - Feb 2020*
- Developed django REST API feature and ORM model schema handling sports league registrations, payments, and billing for over 50 customers
- Developed automation Shell Script using bash for adding configuration variables for new application on Heroku saving 40% of onboarding time for new sports customer
- Configured EC2 instances on nginx server for Wordpress and set routes on AWS using Route53 for new clients as a part of onboarding process in CRM system

PROJECTS

SnapIT (MERN Stack, Redux, AWS, Heroku, GIT)
- Developed scalable, mobile friendly, social media dummy front-end application utilizing MERN stack including axios, redux, state, routes, moment, material-ui and redux-thunk handling asynchronous actions
- Built CI/CD pipeline on Heroku CLI and deployed the ReactJS build on netlify
- Link: https://snap-it.netlify.app/

IndoCharcuterie (ReactJS, Jest, Firebase, GIT)
- Created the front-end web skeleton template for users to buy home made Indian cuisine, utilizing all up to date ReactJS features like components, props, routes, state, React Context API and deployed on Firebase
- Used BEM modular CSS class naming convention to implement clean reusable CSS styling including grids and Flexbox
- Link: https://indocharcuterie.web.app/

EDUCATION

Master of Science, Information Systems *Aug 2018 - May 2020*
Stevens Institute of Technology, Hoboken, NJ GPA: 3.81
Bachelor of Engineering, Information Technology *Jul 2014 - May 2018*
University of Mumbai, India GPA: 3.0

SKILLS

Programming Languages: Python, JavaScript-(ES6, TypeScript), Java, SQL, Bash, Git
Databases: Oracle SQL Developer, PostgreSQL, MongoDB
Cloud Platforms: AWS-(S3, EC2), Docker, Heroku
Front-End Frameworks: AngularJS, ReactJS, jQuery, DOM
Back-End Frameworks: NodeJS, ExpressJS, Django, Spring Boot, REST API
Development Environments: Eclipse, VSCode, PyCharm