Eshwar Thummala

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Work Experience

Tata Consultancy Services   *July 2021 – July 2023*
Systems Engineer - Digital   *Hyderabad, India*

- Engineered 20 React UI features for an agile-managed Umbrella Insurance web application at USAA.
- Utilized React-Redux framework to create adaptive web pages rendered based on JSON data from APIs.
- Developed SpringBoot microservices REST API functionalities, incorporating a new endpoint to retrieve and manage intricate customer information from nearly 5 underlying legacy API systems.
- Used various testing libraries like React-testing-library, Mockito, and Cypress to test API and UI functionalities. Integrated the tests with CI/CD pipelines.
- Increased team productivity by 50% & recognized as one of the top 1% of technical resources.
- Led a team in technical capacities, earning a special initiative award for exceptional leadership.
- Addressed 40-45% of significant API defects and features, enhancing team bandwidth by 30-50%.

Cognizant Technology Solutions   *March 2021 – July 2021*
Programmer Analyst Trainee(Intern)   *Hyderabad, India*

- Collaborated closely with experts over 5 months to construct complete Java SpringBoot APIs from scratch.
- Engaged in building relational databases and managed table data through complex SQL queries.

Personal Projects

Social Media Insights Engine (JSON, Flask, React, Font Awesome, Bootstrap)   *Spring 2024*

- Developed a Social Media Insights Engine utilizing Flask for the API and React for the frontend UI, allowing users to apply various filters to social media creator profiles fetched from a JSON file. (Documentation)

AWS Full Stack Web App (EC2, Lambda, S3, Gateway API, React, Tailwind CSS)   *Spring 2024*

- Developed a streamlined full-stack web application enabling file append functionality.(Documentation)
- Leveraged AWS services, including Cognito, EC2, Lambda, API Gateway, and S3, to establish a robust backend infrastructure. Utilized AWS CDK to manage backend infrastructure.

Technical skills

Programming Languages	Python | Java | C | JavaScript(TypeScript) | C++ | R | SQL | HTML | CSS | PHP | C#
Technology Domains	Full Stack Web Development | Data Science | Machine Learning | Computer Vision
Tools & Libraries	Blazor DotNet | Tableau | Power BI | React | Wordpress | Grafana | Kibana | Redux | TypeScript | Bootstrap | MongoDB | Vue.js | Git | Git Bash | ServiceNow Ticketing System | SpringBoot | Kafka | NPM | Tensorflow | CI/CD Pipelines | AWS | Jira | Android | Linux | Docker | Postgres | Django | Flask | Blockchain

Education

Master's   *Arizona State University*
Computer Science   *Enrolled Aug 2023*
Coursework: Multimedia & Web Databases | Software Security | Data Visualization
Enrolled in AWS Solutions Architect course.
Secured New American University scholarship.

Bachelor's of Technology - Undergraduate   *JNTU, Hyderabad*
Computer Science and Engineering   *Aug 2017 – Jul 2021*
Coursework: Data Structures and Algorithms | Design and Analysis of Algorithms | Object Oriented Programming | Distributed Systems | Data Mining | Cloud Computing | Software Engineering | Database Management System
First runner-up in Inter College Python and C coding competitions.
Secured full tuition waiver for 4 years of undergraduate.
Completed applied data science and game development courses offered by the University of Michigan.
Final grade: 9.56/10