Sucheth Govindaraju

+1 4243419296 | suchethg@usc.edu | linkedin.com/in/suchethg | github.com/suchethg | suchethg.github.io

EDUCATION

University of Southern California Los Angeles, CA
Master of Science in Computer Science | GPA: 3.55/4 Jan 2023 – Dec 2024
- Coursework: Analysis of Algorithms, Database Systems, Advanced Game Consoles, Web Technology, Information Retrieval and Web Search Engine, Machine Learning for Data Science, Security Systems

Reva University Bangalore, India
Bachelor of Technology in Computer Science and Engineering | GPA: 9.11/10 Aug 2017 – Jun 2021
- Relevant Courses: Data Structures, Algorithm Design, Object Oriented Design, Machine Learning, Artificial Intelligence, Database Design, Operating Systems, Software Architecture, Computer Network

TECHNICAL SKILLS

Languages: Python, C/C++, Go, JavaScript, Java, C#, Kotlin, HTML, CSS, PHP, SQL
Technologies: React, Redux, Angular, Node.js, Express, ASP.NET Core, Flask, MySQL, PostgreSQL, MongoDB, Jest, GraphQL, RESTful API, Jenkins, AWS, Docker, Kubernetes, Terraform, Ansible, Git, Linux

WORK EXPERIENCE

LexisNexis Los Angeles, CA
Software Engineer I Intern Aug 2024 – Present
- **Enhanced cloud integration and data management** by converting **8** ASP.NET Core RESTful APIs to AWS Lambda functions and designing the architecture for migrating an on-premise SQL Server to AWS RDS (MySQL).
- **Enabled seamless automation** by designing a CI/CD pipeline on Jenkins with build and deployment scripts, and **automated infrastructure provisioning** using CloudFormation for Infrastructure as Code (IaC) to deploy applications to AWS.

LexisNexis Raleigh, NC
Software Engineer I Intern June 2024 – Aug 2024
- **Improved application security and global availability** by migrating an internal Sales Application with **200+ monthly unique users** to **AWS**, building the cloud architecture from end to end.
- **Optimized deployment efficiency** by designing and implementing a Jenkins CI/CD pipeline, leveraging **Infrastructure as Code (IaC) with CloudFormation** to automate infrastructure provisioning and application deployment to AWS.
- **Saved 6 hours of developer time each week** and **reduced release cycles by 1 week per release** by developing an SEO automation tool with a ASP.NET Core backend and React frontend, deployed on AWS.
- Improved API performance and data consistency by **reducing response time by 25%**, resulting in faster interactions and improved data reliability.

USC Information Sciences Institute Los Angeles, CA
Full Stack Developer Sept 2023 – Dec 2023
- Designed and developed a full-stack **deepfake detection app** using React, OAuth, JWT, and Flask, enabling the detection of over **1,000** deepfake videos. Integrated secure S3 storage, MongoDB, and AWS SQS, **reducing detection time by 15 seconds**.
- **Boosted user engagement by 50% and expedited response time by 30%** by implementing a chat feature for user-admin communication, and optimized reliability and scalability by containerizing the application with Docker.

DXC Technology Bangalore, India
Associate Professional Software Engineer June 2021 – Sept 2022
- Architected frontend components using React and Redux for a Life Insurance App serving **29 million users**, enhancing scalability and performance.
- **Reduced page load time by 500ms and increased user session duration by 2 minutes** by optimizing React applications with techniques like code-splitting, lazy loading, and image optimizations, **boosting engagement and satisfaction**.
- **Improved data fetching efficiency and user interaction speed** by migrating API services from RESTful API to GraphQL, **cutting request time by 63%**.
- **Accelerated feature releases and bug fixes** by automating the CI/CD pipeline with Jenkins, **driving down release times**.

PROJECTS

Ebay E-Commerce App Oct 2023 – Dec 2023
- Designed and developed a full-stack eBay e-commerce app with an **Angular** frontend and **Node.js-MongoDB** backend, integrating geolocation-based search for better accuracy, and created a dynamic Android app using **Kotlin** and **Node.js** with Facebook SDK to enhance social media sharing and user engagement.

Trojan Events App May 2023 – June 2023
- Developed a scalable college event management app with a **React** frontend and **Node.js-MongoDB** backend, using **D3.js** for registration visualization, and **JWT-based authentication** with a **GraphQL** API for efficient data retrieval.