Vaishnavi Reddy

Boston, MA | ✉ vaishu17sai@gmail.com | ☎ 7087743034 | [LinkedIn](#) | [Portfolio](#)

Summary

Full Stack Software Developer with 4+ years of expertise creating cloud infrastructure solutions and scalable, high- performing web apps. Proficiency in full-stack programming using backend and front-end tools like Python, JavaScript, React, and Node.js, as well as solid knowledge of API development, AWS and Azure cloud computing.

SKILL SETS AND TOOLS

Python (Flask, Django), R, Java, C#, JavaScript, TypeScript, React, Angular, HTML, CSS, AWS (EC2, S3, Lambda, Kinesis, SQS, SNS, Step Functions), Azure (Data Factory, Azure Functions), Django, Relational Databases (MySQL, NOSQL, MongoDB,) Tableau, Redis, DevOps, Docker, Continuous Integration and Delivery (CI/CD) Kubernetes, Bash, Microsoft Excel, Shell Scripting, Jenkins, RESTful APIs, Agile Methodology, Scrum, SDLC, Git, GitLab, Jira, Leadership, Collaborative, Problem-solving, Communication Skills, Innovative, Teamwork.

PROFESSIONAL EXPERIENCE

eBay, California

Full Stack Software Developer   *September 2024-Present*

- Built user-friendly, well-structured web applications leveraging React and TypeScript, improving user interaction.
- Implemented GraphQL APIs to streamline data retrieval, reducing server load by 15% and improving response times for client requests.
- Led the implementation of security features in cloud applications, ensuring compliance with AWS best practices and managed cloud networking solutions such as AWS VPC, subnets, and security groups.
- Integrated OAuth 2.0 for enhanced security and authorization, ensuring secure access management across various endpoints.

Fidelity Investments, Massachusetts

Full Stack Software Developer   *April 2022-August 2024*

- Utilized Python (Flask) and Node.js to design and construct backend systems, optimizing APIs for maximum performance and scalability.
- Created and managed automated cloud-provisioning solutions using Terraform in AWS and Azure by improving efficiency of 20%.
- Build responsive web interfaces using React by improving interaction speed by 30%, making a smooth and dynamic user experience.
- Managed MS SQL Databases and built complex queries, stored procedures and views using T-SQL for database optimization.

Proxforce, India

Software Engineer   *December 2020-December 2021*

- Constructed scalable backend systems using Node.js, integrated with MongoDB, by improving data processing capabilities by 30%.
- Implemented SSL certificates and encryption protocols, maintaining security across web applications and reducing sensitivity by 35%.
- Programmed test automation scripts in Python and Bash, enhancing coverage and reducing testing.
- Optimized cloud- based applications in Azure, using Azure functions for data processing and storage.

PROJECT

Walmart Sales Analysis- PowerBi and Excel   *December 2024*

- Developed an interactive Power BI dashboard to analyze Walmart's sales.
- Demonstrated expertise in data cleaning, visualized category and region-wise performance, highlighting key insights.

Bike Ride Sales Analysis – Tableau and Python   *December 2024*

- Completed a data analysis project on London bike usage using Python for preprocessing and Tableau for visualizations.
- Analyzed 1.55 million rides from January to March 2015, revealing seasonal patterns and the impact of weather on ridership.

CERTIFICATION

Google Data Analytics Professional Certificate   *December 2024*
Data Bricks Generative AI Fundamentals Certificate   *December 2024*

EDUCATION

Master of Science in Computer and Information Sciences
New England College Henniker, NH   *Graduated: May 2023*
Bachelor of Technology
MREC Hyderabad, India   *Graduated: July 2021*