

SRINATH VISLAVATH

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SUMMARY

Experienced Full Stack Developer with 3 years in full-stack development for large-scale financial systems, specializing in FEBA and Java architecture. Proficient in Java, Python, cloud technologies, and distributed systems. Improved application performance by 30% and system efficiency by 25%. Worked on innovative projects like brain-computer interfaces and real-time drone control. Skilled in Agile methodologies and database optimization, enhancing data retrieval time by 20%.

SKILLS

Languages: Java, Python, C++, C#, SQL, PL/SQL.

Backend: REST APIs, Django, Flask, Spring Boot, ASP.NET MVC.

Frontend: HTML, CSS, JavaScript, AngularJS, ReactJS, Bootstrap.

Soft skills: Collaborative, Teamwork, Problem Solving, Time Management, Adaptability, Communication.

Database: PostgreSQL, Oracle, MySQL, MongoDB, SQL server.

Tools: GIT, Docker, Jira, Visual Studio Code.

Operating System: Windows, Linux.

Cloud: AWS, Microsoft Azure.

Methodologies: SDLC, Agile, Waterfall

Machine Learning: TensorFlow, KNN, Random Forest, Decision Trees, Neural Networks, NLP

EXPERIENCE

Graduate Assistant, Saint Cloud State University, USA

Aug 2023-Jul 2024

- Developed an innovative 3D Avatar Drone Navigation System using brain wave inputs, enhancing navigation efficiency by 40%.
- Integrated neural networks for brain wave interpretation, reducing signal processing errors by 25%.
- Utilized Docker for seamless deployment and Python for machine learning algorithms, improving system performance by 30%.
- Led the integration of brain wave signal processing, ensuring accurate real-time drone control.
- Employed Neural Networks for accurate interpretation of brain wave data, increasing control precision by 25%.
- Optimized the system's real-time performance by implementing low-latency communication protocols between the brain-computer interface and drone hardware.
- Improved deployment scalability through containerization, ensuring the project could be deployed in various cloud environments.

System Engineer Infosys, Hyderabad, India

Aug 2021-Nov 2022

- Developed backend services using the FEBA framework for critical banking functionalities, improving system reliability by 30%.
- Created APIs to connect to third-party application servers for mobile and internet banking using Java and the FEBA framework.
- Implemented encryption and decryption logic to securely encode and decode request and response parameters for third-party integration.
- Led the development of front-end services using JSP, JavaScript, and AngularJS to enhance user experience across both Internet and Mobile Banking platforms.
- Developed REST APIs to fetch, view, and update user details, improving response time by 20%.
- Managed data migration procedures for bulk user data using Oracle SQL Developer, ensuring seamless system updates.
- Worked on service, transaction, and user modules, optimizing their functionality for better performance and reducing errors by 15%.
- Performed large-scale data dumps between databases using database links, improving data transfer speeds by 25%.
- Customized and fixed bugs in development modules according to client requirements, enhancing system reliability by 30%.

Intern, Infosys, Hyderabad, India

Jan 2021 - Jul 2021

- Developed a Job Portal Web Application with ASP.NET and Angular, resulting in a 30% improvement in system scalability.
- Designed and deployed the application on Microsoft Azure, reducing operational downtime by 15%.
- Created APIs for efficient interaction between users and employers, improving application performance by 20%.
- Improved the application's front-end layer using JavaScript, HTML5, CSS, and Bootstrap, leading to a 25% increase in user engagement.
- Collaborated with the team on integrating Microsoft Azure cloud services enhancing application scalability.
- Reduced data retrieval time by 15% through optimized database queries.
- Assisted in implementing security measures for the application, ensuring data privacy and integrity during job search.

EDUCATION

Master's of Science in Computer Science,

Saint Cloud State University, Saint Cloud, MN, USA. GPA: 3.86/4

Jan 2023 – May 2025

Bachelor of Engineering in Information Technology,

Chaitanya Bharati institute of technology, Hyderabad, India. GPA: 3.22/4

Aug 2017 – Jun 2021

CERTIFICATION

- Software Programmer Infosys certificate by INFYTQ.
- Internship completion certificate in Microsoft Stack by Infosys Ltd.
- Django Camp v2.0 certification by CBIT.
- Database and SQL developer Coursera certificate by IBM.
- Machine Learning Internship Certification by Cognifront.