

Sree Avinash Besiahgari

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EDUCATION

Florida State University **Master's in Computer Science** **GPA: 3.72/4.0** **Aug 2022 - May 2024**
Coursework: Concurrent Parallel and Distributed Programming, Advanced Data Science, Data Communications.

GITAM University **Bachelor's in Computer Science** **GPA: 7/10** **Jun 2016 - Nov 2020**
Coursework: Software Engineering, Cloud Computing, Data Structures and Algorithms, Database Management.

SKILLS

Programming: Python, Java, Shell Scripting.

Web Technologies: HTML, CSS, JavaScript, ES6, Reactjs, Spring Boot, Nodejs, Django, Restful API, JSON.

Database and Analytics: MySQL, MongoDB, PostgreSQL, SQL Server, Tableau, Power BI, Excel, Quick Sight.

Cloud Technologies: Aws: S3, IAM, EC2, Lambda, SQS, RDS, EKS, Cloud Front, Cloud Formation, Azure DevOps.

DevOps /Deployment: Selenium, Jenkins, Docker, Terraform, Kubernetes, Ansible, GitLab, Maven.

Tools: Kibana, Grafana, Dynatrace, Magento, Jira, Git, OWASP, Nmap, Jest, Burp Suite, Wireshark.

Operating Systems: Linux, Kali-Linux, Unix.

Certifications: Microsoft Azure Fundamentals, Oracle Cloud Infrastructure Associate.

EXPERIENCE

Software Engineer **IQ Hector LLC** **Jun 2024 - Present**

- Applied Agile methodology for application development, across Software Development Life Cycle (SDLC) phases.
- Developed responsive web pages with React for UI, ensuring seamless cross-browser compatibility.
- Experienced with RESTful API and microservices with Python, and Django for backend.

Software Engineer **Tech Mahindra** **Jan 2021 - Jun 2022**

- Experience with Agile methodology for web application development on SDLC phases: Requirements Analysis, Design, Development, and Testing.
- Utilized Git for version control, managing code changes, and ensuring a smooth development workflow.
- Developed responsive web pages with HTML5 and CSS3, ensuring seamless cross-browser compatibility.
- Implemented interactive features and dynamic content with JavaScript, enhancing user engagement.
- Optimized website performance through techniques like image compression, lazy loading, and minimizing JavaScript/CSS, resulting in faster load times.
- Oversaw Catalog Management in Magento Commerce, handling a diverse range of products, and SKUs and focusing on robust catalog management and user interactions improving product update efficiency by 50%.
- Performed comprehensive software testing, including functional, integration, and end-to-end testing, to ensure quality standards for web applications, achieving a defect detection rate of 90% and reducing production issues by 40%.
- Applied advanced SQL skills (DDL, DML) to efficiently craft business logic and address data-related incidents.
- Collaborated with cross-functional teams to gather requirements, streamline workflows, and optimize operations.
- Exhibited strong communication and collaborative skills, fostering productive teamwork across functional areas.
- Developed and managed CI/CD pipelines using Jenkins and GitLab, ensuring seamless integration, testing, and deployment of applications, which resulted in a 40% reduction in deployment time.
- Implemented Agile practices, designed process flows, developed test scripts, and presented solutions to customers.
- Designed and developed test scripts, contributing to 70% of the test automation codebase using Selenium and Python, enhancing efficiency and increasing productivity by 25%.

Intern - Penetration Tester **Azure Skynet Solutions** **May 2019 - Jun 2019**

- Performed web application vulnerability assessments, resulting in the identification of 60% of security risks.
- Proficient in Penetration Testing technologies such as Burp Suite, Nmap, Wireshark, and Metasploit.

PROJECTS

AWS APAC Solutions Architecture | Aws Pillars, Architecture Framework, Elastic Beanstalk.

- Designed a scalable and cost-effective AWS hosting solution with Elastic Beanstalk.
- Proposed and communicated solutions architecture and benefits, clarifying operational advantages.

Chat Application Development | Python, React, JavaScript, Websocket.io, MongoDB, NoSQL, API, OAuth 2.0.

Cloud-hosted WebApp with AWS | Docker, Python/Flask, EC2, AWS RDS, PostgreSQL, S3 bucket.