

BARATH BHASKARAN

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EXPERIENCE

University of Maryland

Jan 2023 – May 2024

Software Engineer

College Park, MD

- Engineered and maintained backend website operations to support various content types, driving a 90% increase in website customization and user engagement levels, by creating personalized content experiences.
- Overhauled backend website operations for diverse content, driving a 90% increase in website customization and enhancing user engagement with personalized experiences.
- Achieved 95% resolution rate for support requests, demonstrating outstanding problem-solving skills and a commitment to customer satisfaction.

Infosys Ltd (Caterpillar)

Jan 2020 – Aug 2022

Senior Software Engineer

Bengaluru, India

- Developed an innovative chatbot optimizing user request handling, achieving an 80% increase in task throughput and enhancing satisfaction and efficiency significantly.
- Utilized Azure DevOps pipeline for CI/CD automation, resulting in an 80% reduction in manual intervention.
- Engineered an intuitive, data-driven dashboard to analyze chatbot-generated requests, boosting team efficiency by 40% and reducing response time to customer inquiries by 50%.
- Implemented REST API's for user requests, leading to a 90% efficiency increase in seamless CRUD operations and improved data management.
- Conducted API testing using Postman achieving a 90% reduction in defects and ensuring 100% test coverage across critical endpoints.
- Increased test coverage by 90% with JUnit, reducing defects by 50% and achieving a 95% pass rate for automated tests.
- Led cross-functional teams for Acceptance Testing, driving business-critical features while maintaining high standards of software quality through Agile methodologies and Scrum.

Zacco - Digital Trust

Apr 2019 – Jun 2019

Software Engineer Intern

Coimbatore, India

- Implemented a robust Content Management System (CMS) infrastructure for an attack environment, achieving a streamlined setup without relying on a package manager, resulting in a 50% increase in system security and efficiency.

TECHNICAL SKILLS

Languages: Java / J2EE, Python, C/C++, C#, HTML/CSS, JavaScript, JQuery, Angular, React, Node.js, Typescript, Vue.js

Tools: Android Studio, Sonarqube, Postman, Splunk, Kafka

Technologies/Frameworks: Spring Boot, Spring Security, Hibernate, REST API(GraphQL), SOAP, AWS, Docker, Azure, Git, ORM, JPA, JIRA, JSON, Agile, Kubernetes, SCRUM, Linux/Unix, GCP, OAuth, JWT, Microservices, XML, Swagger, Splunk, Figma.

Database: SQL Server, PostgreSQL, MySQL, MongoDB, Oracle, JDBC

Continuous Integration: Maven, Jenkins, Gradle, Azure DevOps, TFS

Testing Frameworks: JUnit, Mockito, Cypress, Selenium

Version Control: Git, BitBucket, GitLab

EDUCATION

University of Maryland, College Park

Sep 2022 – May 2024

Master of Engineering, M.Eng - Software Engineering

GPA: 3.66 / 4

Amrita University, India

Jun 2016 – May 2020

Bachelor of Technology, B.Tech - Computer Science

GPA: 3 / 4

PROJECTS

Learning Management System | LIVE SITE | HTML, CSS, React JS, Java, SpringBoot, MongoDB, AWS, JUnit

Nov 2023

Emissions Repository | HTML, CSS, Angular JS, Java, SpringBoot, Bot-Framework Composer, Azure, JUnit, GitHub

May 2022

Smart Home Automation | HTML, CSS, Raspberrypi, Arduino, Telegram API, AWS

Nov 2020

CERTIFICATIONS

- Microsoft Azure Fundamentals, Certified Ethical Hacker CEH- EC-Council, Cybersecurity Essentials- Cisco