

Mayur Bagwe

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ACADEMICS

Master of Science in Computer Science,

San Diego State University, California

Bachelor of Engineering in Information Technology,

Mumbai University, India

January 2021 – December 2022 (Expected)

(GPA- 3.77/4.0)

July 2011 - August 2015

First Class

TECHNICAL SKILLS

Languages: Java, C#, JavaScript, Python, PHP, Spring, .NET

Project Management: Agile, JIRA, Confluence, Git

Testing: Jest, JUnit, Cypress, Selenium, Jasmine

Other: Jenkins, Docker, Kubernetes, Tableau, NumPy.

Web Development: React, Angular, Node.js, RESTful API, Webpack, GraphQL

Database Technologies: MongoDB, MySQL, DynamoDB, Oracle 12c

Development Tools: Visual Studio, Eclipse, SQL Developer, PyCharm

Cloud Technologies: AWS, S3, Lambda, API Gateway, Azure functions

WORK EXPERIENCE

Software Engineer Intern, Adobe, San Jose, California

May 2022 – August 2022

Tech Stack PHP, Shell Scripting, MySQL, Docker, Magento Commerce, Jenkins, JavaScript

- **Created** checks using PHP, SQL, and Shell Scripting to calculate the product adoption score to track customer engagement across the Adobe Commerce product.
- Implemented integration, unit, and performance test cases for the checks.

Software Developer, Capgemini India, Mumbai, Maharashtra

November 2015 – January 2021

Tech Stack Angular, Java, Spring Boot, Python, PL/SQL, Selenium, Node.js, React.

- Built an **automated testing web portal framework** to perform a sanity health check of the standalone & web applications using Angular, Java, Spring Boot, Selenium, and Sikuli, eventually eliminating the manual efforts by **80%**.
- **Automated index rebuild process** by scheduling jobs using Python & Node.js to reduce manual efforts by **8 hours**.
- **Containerized applications** programmed in Spring Boot and Angular using Docker.
- Implemented an API using Python, Node.js & RabbitMQ for raising service request tickets in a **few click events**.
- **Improvised performance testing life cycle** using tools like LoadRunner and JMeter, reducing the response time by **40ms**.
- **Revamped user interface using React and Redux** to create more **reusable components** and used bootstrap to add responsive functionality, accelerating mobile users' traffic by 30%.
- Redesigned shell scripts and batch jobs for **parallel loading and data staging** in Oracle, which **minimized the application's downtime** by 6 hours.
- Extensive experience designing and implementing continuous integration, delivery, and **deployment** through **Jenkins**.

PROJECTS

Inventory Management System [React, Node.js, Express.js, GraphQL, MongoDB, Webpack]

January 2021 - May 2021

- Utilized states, props, and hooks. **Built session management** of web application and validation using Express.js and JWT tokens. Implemented backend in Node.js with GraphQL as an API endpoint using Apollo.
- Scaled the application using NoSQL (MongoDB) database to **persist data with the help of Mongoose ODM**. Exercised **async/await and promises** to maintain the flow of the application.

Serverless Ecommerce Application [React JS, AWS Lambda, Node.js, MongoDB]

January 2021 - May 2021

- Created an eCommerce application using React JS, AWS Lambda, Node.js, and MongoDB and deployed it on the AWS platform using a serverless framework. Integrated **Stripe API for payment service** and performed **user authentication using JWT**.

Software Piracy Protection [ASP .NET, WPF]

July 2014 - May 2015

- Developed a GUI-based piracy protection standalone application using ASP .NET & WPF to prevent software infringement. This software helped the client boost their product's revenue **by 35%**.

ACHIEVEMENTS

- Received Project Start recognition for outstanding performance in 2018 – Q2
- Appreciation for an active contribution towards the IEVOLVE Kaizen methodology.

September 2018

November 2018