Yash Pawar

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neuyash.github.io/portfolio | github.com/NeuYash

EDUCATION

Masters of Science in Information Systems — August 2024
Northeastern University, Boston, MA — *CGPA: 3.8/4*
Relevant Coursework: Data Structures and Algorithms, Web Design, Database Management, Application Development

Bachelors of Engineering in Information Technology — May 2020
Pune University, India — *CGPA: 3.7/4*
Relevant Coursework: Operating Systems, Program data structures, System Design, Software Dev Life cycle

WORK EXPERIENCE

Capgemini, Bangalore

Senior Software Engineer — **Jun 20201 - Sep 2022**
- Collaborated with a cross-functional team to create a performance analytics tool, increasing efficiency by 21%.
- Built 12+ SpringBoot microservices along with MongoDB, AngularJS and ReactJS for building applications.
- Led a cost-saving initiative by identifying unused AWS resources and establishing S3 bucket expiration policies, leading to an annual cost reduction exceeding $17,000 in AWS expenditures.
- Implemented CI/CD pipeline with Jenkins, resulting in a 25% reduction in deployment time and a 20% increase in overall development productivity.
- Performed Unit, SIT, and QA testing for new services and documented test results for each service.
- Refined database schema designs with SQL procedures, functions, and clusters for high-performance financial data processing, improving 27% data movement throughput.

Software Engineer — **Jun 2020 - Jun 2021**
- Worked on migrating a conventional application to SpringBoot app, thus reducing $72000 of third-party expenses.
- Modeled the infrastructure dependencies as a graph problem and used graph algorithms like BFS, Union-Find to show the visualization and identify the root cause for a bunch of alerts.
- Executed over 50 REST API calls to optimize data exchange, enhancing system integrity for a high-traffic application.

Software Engineer Intern — **Jan 2020 - Jun 2020**
- Contributed within an Agile Scrum framework, actively engaged in sprint activities to deliver scalable software solutions.
- Interacted extensively with J2EE FullStack development and React.Js to build and customize web applications.
- Displayed a passion for learning and staying updated with the latest trends, fostering innovation & adaptability.

PROJECTS

Task Pulse — **Oct 2022 - Mar 2023**
- Developed an annotated SpringBoot Rest controller to track and analyze 23% unorganized task executions.
- Engineered and automated Postman testing for REST APIs, email, text notifications, and Elasticsearch for analytics.
- Utilized Amazon web services S3 to store data and deployed the solution on AWS infrastructure to ensure scalability.

Portfolio — **Aug 2023 - Oct 2023**
- Developed a responsive portfolio website, employing Node.js, React, and MongoDB for seamless functionality.
- Integrated and trained Twak.io chatbot to optimizing user interactions for improved customer satisfaction.
- Deployed the website on Github pages with Jenkins CI for automated testing and 97% website uptime.

StockHub — **Jan 2023 - May 2023**
- Engineered a robust Spring microservices application, modularizing functionalities into 15+ microservices.
- Implemented SOAP API, to enable structured and synchronous communication, ensuring data integrity in transactions.
- Architected Zuul API Gateway for microservices, optimizing traffic routing and ensuring centralized access control.

FreshHarvests — **Jan 2023 - May 2023**
- Programmed supermarket website with secure authentication and Paypal integration, ensuring seamless transactions.
- Deployed website on Heroku majored by MERN Stack, reducing response time to 12ms.
- Utilized ReactJS animations for enhanced user interface and achieved 95% customer satisfaction.

SKILLS

Languages: Java, Python, JavaScript, C++, SQL
Web Technologies: SpringBoot, ReactJS, JQuery, HTML5, CSS3, AngularJS, Node.Js, REST API, Express
Databases: MySql, PostgreSQL, Oracle 11g, MongoDB, DynamoDB, Cassandra
Software/Tools: Git, BitBucket, AWS, EC2, Lambda, Selenium, Postman, Jira, VSCode, Kubernetes, CI/CD