

Yash Pawar

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EDUCATION

Masters of Science in Information Systems

Northeastern University, Boston, MA

August 2024

CGPA: 3.8/4

Relevant Coursework: Data Structures and Algorithms, Web Design, Database Management, Application Development

Bachelors of Engineering in Information Technology

Pune University, India

May 2020

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.
- Simplified the DB schema and Prisma queries to eliminate unnecessary joins and transactions.

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

Tweetopia

Feb 2024 - Present

- Crafted an innovative Twitter platform using SpringBoot Microservices architecture and ReactJS, integrating advanced features such as Load Balancing, JWT Authentication, and MySQL with optimized indexing and clustering capabilities.
- Established a Jenkins CI/CD Pipeline encompassing building, Cucumber and JUnit testing, SonarQube quality check, and deployment on the AWS cloud platform.
- Integrated Apache Kafka message queues for real-time notifications, enhancing user engagement.

Task Pulse

Oct 2022 - Mar 2023

- Developed an annotated SpringBoot Rest controller to track and analyze 23% unorganized task executions.
- Mapped real-time data to MySQL tables through annotations and performed CRUD operations using Hibernate queries
- Utilized Amazon web services S3 to store data and deployed the solution on AWS infrastructure to ensure scalability.

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.
- 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, Apache Kafka, Selenium, Postman, Jira, Kubernetes, CI/CD