

Yash Pawar

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Education

Northeastern University

Masters of Science in Information Systems

August 2024

CGPA: 3.77/4

Relevant Coursework: Data Structures and Algorithms, Web Design, Quality Assurance, Application Development

Pune University

Bachelors of Engineering in Information Technology

May 2020

CGPA: 3.70/4

Relevant Coursework: Operating Systems, Program data structures, System Design, Software Dev Lifecycle

Skills

Languages: Java, Python, C++, JavaScript, TypeScript

Web Technologies: SpringBoot, ReactJS, JQuery, HTML5, CSS3, AngularJS, XML, JSON

Databases: MySql, PostgreSQL, Oracle 11g, MongoDB, DynamoDB

Technologies & Tools: AWS, EC2, S3, Spark, HerokuCLI, CloudWatch, Elasticsearch, Kubernetes, Docker

Work Experience

Capgemini, Bangalore

Nov 2020 - Sep 2022

Senior Software Engineer

- 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 \$37,000 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.
- Acted as a technical leader in C++ code reviews, providing constructive feedback and guidance to ensure adherence to design principles, and coding standards.
- Designed and optimized high-performance Graph algorithms in C++, leveraging extensive domain knowledge to solve challenging Geo-hash problems effectively.

Capgemini, Pune

Jun 2020 - Jul 2021

Software Engineer

- Worked on migrating a conventional application to SpringBoot microservices, reducing \$72000 of third-party expenses.
- Implemented user authentication and authorization mechanisms in React/Angular applications using JWT tokens or OAuth protocols, enhancing security and user privacy.
- 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.

Capgemini, Pune

Jan 2020 - Jun 2020

Software Engineer Intern

- Created a session notepad feature with MERN architecture, leading to a 30% rise in user engagement activities.
- Adapted swiftly to thrive in a dynamic, collaborative, high-speed product development environment.

Project

Design Twitter

Mar 2024 - Present

- Designed and developed server-side application using Spring Framework, including Spring Boot, Spring MVC, and Spring Data JPA, to create scalable and available Twitter app.
- Orchestrated deployment of SpringBoot app on Kubernetes clusters using Helm charts, automation tools like Jenkins.
- Configured AWS CloudWatch Alarms and SNS notifications for proactive issue identification, reducing downtime and enhancing reliability.

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.

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.