

Yash Srivastav

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Software engineer with over 1.5 years of experience, including internships, in backend development, cloud computing, and front-end solutions. Expertise in .NET Core, AWS (Lambda, S3, SNS), React, and REST APIs. Proficient in optimizing CI/CD pipelines, UI testing with Cypress, and managing databases like MySQL and SQL. Strong background in cloud architecture and microservices, with hands-on experience in migrating legacy systems to the cloud and improving system performance. Collaborative and agile-driven, consistently delivering scalable and high-quality solutions.

EDUCATION

Dr. APJ Abdul Kalam Technical University - Cumulative CGPA: 8.93 Lucknow, UP
Bachelor of Technology, Computer Science & Engineering June 2023

Board of Technical Education, U.P. Lucknow - Percentage: 82.31 Lucknow, UP
Diploma, Computer Science & Engineering October 2020

Central Board of Secondary Education – Cumulative CGPA: 8.8 Mau, UP
Intermediate August 2017

SKILLS

Programming Languages: C#, .NET, JavaScript, Typescript, SQL

Frontend Technologies: React

Backend Development: REST APIs

Cloud Technologies: AWS (Lambda, S3, SNS), CICD, Git Actions

Testing Tools: Cypress (UI testing)

Version Control: Git

Soft Skills: Communication, Interpersonal, Collaborative

Work Experience

• Advanced Business & Healthcare Solutions (Vadodara)

Trainee (Intern)

Feb 2023 – Jun 2023

- Worked with C#, ASP.NET Core 6 MVC, VB.NET and SQL.
- Participated in code reviews, debugging, and modern web solution development.
- Collaborated with teams to follow best practices in the software lifecycle.

Trainee Engineer

Jul 2023 – Feb 2024

- Contributed to developing and improving education-focused products using C#, .NET, SQL, and React JS.
- Engaged in debugging, code reviews, and collaborative development with the team.
- Gained experience in migrating legacy products to modern technologies to deliver cutting-edge solutions.
- Focused on building expertise in software development while ensuring the delivery of high-quality education domain solutions.

Associate Software Engineer

Feb 2024 – Nov 2024

- Consolidated APIs into a single multithreaded call, improving performance and reducing response time.
- Redefined CI/CD workflows, reducing pipeline execution time by 73% using parallel test execution.
- Led migration of legacy on-premises products to cloud platforms (AWS)
- Integrated Cypress for UI testing, enhancing test coverage and reliability.
- Managed critical tasks during bottlenecks to ensure timely delivery.
- Resolved T3 customer issues, ensuring system uptime and customer satisfaction.
- Streamlined agile practices for improved team collaboration and productivity.

PROJECTS

- **Cloud College (Advanced Business & Healthcare Solutions)**

Technology: API Gateway, AWS, .Net Core, ReactJs, SQL

The Cloud College Project is a .NET Core-based, microservice-driven application tailored for UK higher education institutions. It utilizes AWS Cloud infrastructure, CI/CD pipelines for seamless deployments, and Amazon RDS for scalable, reliable data storage. This architecture ensures efficient management of educational data and services, meeting the specific needs of UK-based educational customers.

ACHIEVEMENTS & EXTRA CURRICULAR

- Delivered a presentation on "God's Eye: An Assistive Device for the Blind" at NIELIT's International Conference on Communication, Electronics, and Digital Technologies (NICE-DT'23) held in New Delhi.
- Secured 2nd place at Algora Fest 2022 with a Python-based Drowsiness Detection Model.
- Co-authored a research paper on "Drowsiness Detection Model using Python" in the International Research Journal of Engineering & Technology (IRJET) with two other researchers.
- Head of the College's Editorial Team.