Souvik Mondal

Senior Software Engineer

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Skills

Programming Languages:
- *JavaScript, TypeScript, SQL, PHP, HCL, Markdown*

Frameworks & Libraries:
- *React.js, Next.js, Node.js, Express.js, Fastify, Deno, Bun.js, VanillaJS, Jest, Mocha, Cypress, Mongoose (MongoDB ODM)*

Databases:
- *MySQL, MongoDB, PostgressSql, MariaDB*

Cloud & DevOps:
- *AWS, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, GitLab CI, Git, Linux, CI/CD, Agile methodologies, Scrum practices*

Backend & Architecture:
- *Microservices, REST APIs, API Security*

Platforms & Tools, Backend-as-a-Service (BaaS):
- *Firebase, AppWrite, Stripe API, HubSpot API, TMDB API, Klaviyo API, Konnective API, Telegram API, GitHub API*

Work History

CodeClouds (kolkata) (Senior Software Engineer) From 12/2021 to Current

1. Led 5+ React.js apps with SSO (Okta, Google OAuth, Facebook Login), boosting security & auth success (99.8%) and cutting support tickets by 35%.
2. Built microservices backends with Node.js and MongoDB, processing 1M+ requests/day with < 200ms latency and 99.9% uptime, optimizing queries and APIs for performance & scalability.
3. Built optimized Docker images for Node.js apps, reducing size by 40% and deployment time by 60%, with Jenkins CI/CD pipelines enabling zero-downtime releases.
4. Created API docs with Docgen, improving onboarding by 30%; enforced rate limits to cut abuse by 45% and sustain 99.9% uptime under high traffic.

Netware (kolkata) (Software Development Engineer) From 06/2021 to 10/2021

1. Key contributor to a secure web-based banking application using HTML, CSS, JavaScript, and Bootstrap with MySQL. Implemented an interactive dashboard with user authentication and dynamic Chart.js visualizations of key metrics. This improved data visibility and accelerated decision-making by 40%.
2. Built 10+ features in vanilla JavaScript (form validation, dynamic rendering), improving usability and cutting user errors by 25%.

A Pixel House (kolkata) (Technology Associate) From 01/2020 to 04/2021

1. I started as a PHP developer, delivering over 25 custom websites for freelance clients by transforming PSD, Figma, and Adobe XD mockups into responsive, SEO-optimized solutions, improving load times by up to 35%.
2. Developed dynamic web solutions with PHP, MySQL (XAMPP), JSON, and HTML/CSS/JS; implemented a mock JSON server to streamline front-end testing and accelerated feature delivery by 20%.

Education

College: Rishi bandim Chandra College (RBC)   Naihati, WestBengal | March 2020 (graduated)
Degree: Bachelor of Computer Application   From 2017 - 2020
Relevant CourseWrok

- *Object Oriented Programming(OOP), Databases, DiscreteMaths, OperatingSystems, Computer-Networks, Web-Development.*

Certifications:

- I focus on hands-on experience and hold certificates of DevOps Expert- Docker & Kubernetes, Git & GitHub, LPI Linux Essentials, Linux Adminstration, Modern JavaScript(ES6), NodeJs API (Rest API) masterclass with express & mongodb, OOP PHP & MVC, ReactJS, Next.js.

Personal Summery:

- Senior Software Engineer with 5+ years of experience designing and building scalable web applications, microservices, and cloud-native solutions. Skilled in React, Next.js, Node.js, Express.js, MongoDB, and MySQL, with strong expertise in Docker, Kubernetes, Terraform, and CI/CD pipelines (Jenkins, GitHub Actions). Proven track record of leading development teams, improving system performance, and delivering high-traffic applications with 99.9% uptime. Passionate about DevOps practices, and solving complex technical challenges.

Additional Interests:

- Passionate about photography with a Pexels portfolio exceeding 317K views and 11K downloads, showcasing creativity and attention to detail.You can explore my work at: Pexels Profile.
- Multilingual: fluent in English, Hindi, and Bengali.