

# Souvik Mondal

## Senior Software Engineer

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### Skills

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#### Languages:

- *JavaScript, TypeScript, SQL, PHP, HCL, MARKDOWN LANGUAGE*

#### Tools and Frameworks:

- *DevOps: Docker, Git, VIM, NeoVim, Kubernetes, Agile, CI/CD with Jenkins, Terraform*
- *JavaScript-Lib-Frameworks: NodeJs, ReactJs, BunJs, Deno, VanillaJS, TypeScript, Next.js*
- *WebFrameworks: ExpressJS, Fastify*
- *BAAS(Backend as a Service): Firebase, AppWrite*
- *Testing Lib: Jest*
- *Database: MySQL, MongoDB, { ODM: Mongoose }*
- *Working API's: klaviyo API, Sticky CRM api, Konnective API, HubSpot API, TMDB(movie api), GTM API, Telegramd API, Stripe API, GitHub API*

### Work History

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

1. Led the development of over five high-traffic React applications, achieving seamless SSO integration with Okta, Google Auth, and Facebook Auth, which reduced support tickets by 35% and boosted the login success rate to 99.8%.
2. Engineered scalable backend services using Node.js and MongoDB, processing over 1 million API requests daily with an average response time of under 200 milliseconds and 99.9% uptime.
3. Created optimized Docker images for Node.js applications, cutting image sizes by 40% and deployment time by 60%, with automated delivery through Jenkins CI/CD for zero-downtime releases.
4. Produced comprehensive API documentation with Docgen, enhancing developer onboarding by 30%, while enforcing request limits to decrease abuse attempts by 45% and maintaining 99.9% uptime during 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. Utilized vanilla JavaScript to develop over 10 procedural features, including form validations and dynamic content rendering, enhancing usability and reducing user error rates 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. I created dynamic web solutions using MySQL (XAMPP), PHP, and JSON for efficient data management. By using a mock JSON server for front-end testing, I streamlined development. Leveraging HTML, CSS, and JavaScript, I delivered user-friendly interfaces and boosted feature development speed by 20%.

### Education

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**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.*

### Award & Certificate:

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- I focus on hands-on experience and hold certificates in Node.js, React.js, Next.js, Linux Fundamentals, and essential DevOps tools such as Docker, Kubernetes, Terraform, Git, and Jenkins.

### Personal Summery:

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- I am passionate about technology, focusing on Linux, frontend and backend development, and JavaScript. I am committed to advancing my skills in DevOps and tackling real-world challenges alongside talented professionals.
- I also excel in photography and enjoy biking in mountain landscapes. My Pexels profile has over 317,000 views and 11,000 downloads, reflecting my dedication to creativity. You can explore my work at: [Pexels Profile](#).
- I speak English, Hindi, and Bengali.