

SOUVIK RAJ SINGH

☎ 801-717-6977 ✉ souvikrajsinght@gmail.com 💻 <https://shorturl.at/cgsvS/> 🌐 github.com/souvikrajsingh

Education

Budge Budge Institute of Technology

Expected May 2024

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.63 / 10.00)

Kolkata, West Bengal

- **Relevant Coursework:** Data Structures and Algorithms (Java), Intro to CS II (C++), Linear Algebra w/Computational Applications (Python)

Experience

Company Name 1

Jan 20XX – May 20XX

Software Engineer

City, State

- Implemented micro services architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.
- Led a cross-functional team in implementing a new feature using React and Redux, resulting in a 20% increase in user engagement within the first month.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

iB Arts Pvt Ltd - Web IT solution

July 2024 – Jan 2025

Software Engineer Intern

Kolkata, West Bengal

- Designed and implemented responsive user interfaces with Angular, leading to a 15% improvement in user satisfaction scores.
- Introduced automated testing processes with Jest and Enzyme, increasing test coverage by 30% and reducing post-release defects by 25%.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.

Projects

Video Calling App | React.js, WebRTC, sockets.io, node js

- Designed and deployed successfully a one to one video calling app
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

Project Name 2 | Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap

- Developed a data visualization dashboard using D3.js, providing stakeholders with real-time insights and improving decision-making processes.
- Built a CI/CD pipeline using Jenkins and Docker, reducing deployment time by 40% and ensuring consistent and reliable releases.

Portfolio Website | HTML, CSS, Bootstrap, Vanilla Js

- Made a Fully custom portfolio website using Vanilla Js with dark mode.

Technical Skills

Languages: Java, Javascript, TypeScript

Technologies: React.js, Express.js, Bootstrap, Tailwind, Node.js, Docker, AWS, MYSQL, MongoDB, git, Github

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, API, Databases, Agile Methodology, Cloud Computing