

ANINDYA SENGUPTA

Senior Senior Full stack Software Engineer

SUMMARY

- 6+ years in enterprise web application development with expertise in Python (FastAPI), Angular, and React.js.
- Proficient in designing and optimizing REST APIs, implementing OAuth 2.0, JWT, SSO, and enhancing Core Web Vitals for performance.
- Hands-on experience with AWS EC2, SSR, Pub/Sub, and integrating backend services with frontend React applications.
- Strong background in Computer Science (B.Tech) and Agile methodologies, contributing to scalable and maintainable software solutions.
- Demonstrated ability in backend FastAPI development and production support for client projects, ensuring robust authentication and API performance.

TECHNICAL SKILLS

Main Technical Skills	FastAPI, Angular (5 yr.), React (5 yr.), AWS EC2 (2 yr.), RESTful API (5 yr.)
JavaScript Frameworks	Angular (5 yr.), React (5 yr.)
Python Frameworks	FastAPI
Amazon Web Services	AWS EC2 (2 yr.)
SDK / API and Integrations	FastAPI, RESTful API (5 yr.)

WORK EXPERIENCE

Senior Software Engineer - Ogma Conceptions Pvt. Ltd. (Elite Home Warranty)

Duration: 04/2025 - Present

Summary:

- Development of backend services for Elite Home Warranty using FastAPI, focusing on designing REST APIs and authentication modules
- Elite Home Warranty is a company providing home warranty services to protect homeowners from costly repairs

Responsibilities:

- Designed REST APIs and authentication modules.
- Integrated backend with React applications.
- Optimized API performance and provided production support.



Technologies: Python, FastAPI, React.js, REST APIs, OAuth 2.0, JWT

Software Developer - Ogma Conceptions Pvt. Ltd. (Enterprise Angular and React Applications)

Duration: 09/2021 - 03/2025

Summary: Development of enterprise web applications using Angular and React, focusing on reusable components, API integration, and performance optimization to enhance user experience and maintainability.

Responsibilities:

- Developed enterprise Angular and React applications.
- Created reusable components.
- Integrated APIs and optimized application performance.

Technologies: Angular, React.js, JavaScript, TypeScript, REST APIs

Junior Developer - PwC India (Angular Development with SSR and Core Web Vitals Optimization)

Duration: 07/2019 - 08/2021

Summary:

- Worked on Angular development projects involving server-side rendering (SSR), Core Web Vitals optimization, OAuth 2
- 0, SSO, Pub/Sub messaging, and transportation map integration to improve application performance and security

Responsibilities:

- Developed Angular applications with SSR.
- Optimized Core Web Vitals for better performance.
- Implemented OAuth 2.0 and SSO authentication.
- Integrated Pub/Sub messaging and transportation maps.

Technologies: Angular, SSR, Core Web Vitals, OAuth 2.0, SSO, Pub/Sub, JavaScript, TypeScript

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering**
Maulana Abul Kalam Azad University of Technology, Kolkata
until 08/2019

