

## Salman Asu

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## WORK EXPERIENCE

### Sigma Whit, Australia

Software Engineer

06/25 - present

- Working on Multi-Tenant EdTech Company where we have created a portal for admin, helpdesk, educator and student.
- We are using Angular for front end and for backend services we are using node and laravel.
- **Technology used:** Node.js, Angular, Laravel, REST APIs, MySQL, EC2, S3, Postman.

### F60 LLP Host Technology, Mumbai

Node.js Developer

10/24 – 05/25

- Developed APIs for user, client and admin side and optimized data workflows for PipeX, a steel and pipe industry platform, enhancing efficiency and scalability.
- Developed modular APIs with MongoDB aggregation and indexing for optimized performance, deployed on AWS EC2 with S3 for storage and SES for automated email communication.
- Implemented API versioning for scalability, designed efficient data backup processes, and ensured seamless functionality with comprehensive testing, documentation, and a modular folder structure.
- **Technology used:** Node.js, Express.js, REST APIs, MongoDB, EC2, S3, Docker, Jenkins, PUTTY, Postman and JWT.

## PROJECTS

### Game Details

API Development [website](#) [github](#)

- Developed and deployed REST web scraping APIs and offered them for rent on the RapidAPI platform, allowing users to access them on a subscription basis.
- Generated \$450 in revenue from API rentals on the RapidAPI marketplace, current user count is around 130+, demonstrating successful market adoption and monetization.
- **Technology used:** Cheerio, puppeteer, Axios, Node.js, Express.js, REST APIs.

### BackCraft

Backend CLI Tool [website](#) [github](#)

- Built Backcraft CLI, Automates backend and component scaffolding using JSON registries.
- Created backcraft-registry, modular package for JSON registry to enable fast, reusable project setup.
- Developed web based Docs Interface.
- **Technology used:** Node.js, Express.js, npm packages, next.js, tailwindcss, husky

### PlayCheck

Chrome Extension [website](#)

- Developed Chrome Extension, that checks if your PC meets game requirements and compares specs for a smooth gaming experience.
- Features: ♦ Game Spec ♦ Compare Your PC Spec with Game Spec ♦ Missing Hardware Product Link with Cheap Price
- I have 8 gamers(Users), using my extension.
- **Technology used:** JavaScript, HTML, CSS, JSON, WebPack, WebScraping, Axios.

### Auto\_API\_Doc

NPM Package [website](#) [github](#)

- Developed an NPM Package, Automates API Documentation for frameworks Express, Fastify, and Koa with Swagger UI
- Generates YAML & JSON OpenAPI Files — Saves openapi.yaml and openapi.json formats.
- **Technology used:** JavaScript, Typescript, JSON.

### cellpoint (E-commerce Platform)

MERN Development [website](#) [github](#)

- Implemented robust user authentication using Cookies and JWT Tokens to ensure secure access and seamless user sessions.
- Developed essential features like "Add to Cart" and integrated a payment gateway using a fake PayPal coin for transaction simulation.
- Built a comprehensive Admin Dashboard powered by REST API, enabling efficient management of products, orders, and user data.
- **Technology used:** ReactJS, Redux, Dashboard, JWT, REST APIs, MongoDB.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, Java, Python

**Backend Development:** Node.js, Express, Nest.js, Flask, FastAPI, REST API

**Frontend Development:** React.js, Next.js, Redux, React Query

**Databases:** MongoDB, PostgreSQL, MySQL, SQL, Redis

**Tools:** Git, Docker, EC2, S3, WebHook, WebPack, JWT, CI/CD, Jira Tool, Putty

## ACHIEVEMENT

**Finalist in National Level Hackathon SIH(Smart India Hackathon):** Enhanced tourism promotion using IOT sensor and ML techniques.

**Semifinalist in Mastek Deepblue Season 7- 8:** Developed a comprehensive solution addressing real-life business problems for the company, where we use ML to resolve the problem.

**AWS Deepracer League:** Top 50 out of 4229 participants.

## EDUCATION

Bachelor of Engineering (BE) in IT(2024)  
M.H. Saboo Siddik College of Engineering, Mumbai