

Karnav Pargi

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Executive Summary

Full Stack Engineer with over 6.5+ years including leadership roles overseeing 3 developers, Specializing in software development, and Proficient in crafting high-quality web applications using JavaScript, and TypeScript. My expertise extends to modern front-end frameworks like Angular and Reactjs with server-side technologies such as Nodejs and Nestjs with Expressjs. Throughout my career, I've adeptly utilized version control tools like Github, and Gitlab and Management tools like Jira, Kanban, QuickScrum, and Trello to meet strict deadlines. I boast proficiency in deploying applications on AWS and GCP, showcasing a proven track record of timely and budget-conscious project delivery using agile methodology or scrum methodology. Collaborating effectively with cross-functional teams, I leverage strong problem-solving skills to surmount challenges.

Skills and Strengths

- **Languages** - JavaScript, TypeScript.
- **Frontend** - Angular, Angular Universal, Angular Material, NgRx, Rxjs, Propeller UI, Reactjs, Nextjs, Redux, HTML, HTML5, CSS, SCSS.
- **Backend** - Nodejs, Nestjs, Expressjs, Strapi.io, Mongoose, GraphQL, Socketio, Websocket.
- **Database** - MongoDB, NoSQL, SQL.
- **Cloud** - AWS(Lambda, API Gateway, S3, SNS, SQS, SES, Route 53, ELB, EC2).
- **DevOps** - CI and CD Docker, Kubernetes, Harness, Jenkins. Other - JWT, Passport, Github, Git, Gitlab.
- **Gateways** - CoinPayments, Paypal API, Strapi, Google Payment API, Google login API
- **Multi-tasking** - Jira, Kanban, QuickScrum, Trello.

Professional Experience

[NewFireGlobal Partners](#), Kuala Lumpur, MALAYSIA

Software Engineer

05/2023-Present

Skill - Angular, Expressjs, Nodejs, Nestjs, MongoDB, harness.io

- I am currently serving as a Production Support Engineer to Centene Corporation with the APAC team by addressing, testing, and deploying the issues with proficiency in Angular, Nodejs, and Nestjs.
- Actively participated in Scrum ceremonies, including sprint planning, daily stand-ups, sprint reviews, and retrospectives, fostering a collaborative and iterative development process.

CustomerXPs, Bengaluru, INDIA

Senior Software Engineer

10/2022-05/2023

Skill - Nodejs, Expressjs, MongoDB, AWS SQS, etcd, Winston, Docker, Reactjs.

- Conducted intensive research and development, streamlining the design process to create an effective AWS SQS middleware with dynamic logging service within an accelerated timeline of 7 months, thereby saving nearly 4 months in the development cycle.
- This service adeptly manages large volumes of text data from diverse modules, centralizing information, and transmitting a fixed number of notifications to the database, resulting in optimized and reduced database operations.

Bytes Technolab, Ahmedabad, INDIA

Senior Software Engineer

10/2021-10/2022

Skill - Angular, Nestjs, Expressjs, MySQL, MongoDB, Lambda, Reactjs, OCPP 1.6, Srapl.io.

- Led and supervised a team of 3 developers in software development projects, demonstrating leadership and management skills Conducted R&D for Open Charge Point Protocol Alliance v1.6 and developed a Central system for efficient and secure communication with chargers in Nodejs with Websockets.
- Implemented WebSocket APIs in Nodejs to securely communicate between charging stations and the central system via SSL.

DigiCorp, Ahmedabad, INDIA

Software Developer

09/2019-10/2021

Skill - Angular, Rxjs, Nodejs, Expressjs, MySQL, Reactjs, Redux, GraphQL, Propeller UI.

- Collaborated closely with managers to design SaaS-based architecture in Angular with Propeller UI and also contributed to the design of microservices in Nodejs with MySQL.
- implemented a multi-layered filter feature (supporting single, multi, and checkbox options) using Angular, Rxjs with Propeller UI. Additionally, developed Nodejs APIs to process and display data for schools, classes, teachers, and other related entities in the user interface.
- Processed raw data obtained from clever.com, meticulously organized it into distinct tables, and subsequently crafted SQL queries in Nodejs for various modules.
- Implemented Redux store in Reactjs and Improved overall performance by shifting all API requests and data processes to Redux store.

IndiaNIC Infotech, Ahmedabad, INDIA

Backend Developer

06/2017-08/2019

Skill - Nodejs, MongoDB, Expressjs, Docker, Socket.io, Paypal API, CoinPayments, Stripe.

- As a dedicated team member, actively participated in client communication, collected feature requests, and played a key role in driving project development.
- Integrated third-party payment APIs into web platforms, enhancing overall project functionality. designed MongoDB architecture and developed API architectures in Node.js.
- Configured servers, managed provisioning, and optimized MongoDB queries for streamlined data transport in project operations.

Projects

TruCare Cloud (Centene Corporation)

Govt. Health Insurance Portal

Skill - Angular, Expressjs, Nodejs, Nestjs, MongoDB, harness.io

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Fakdoo

E-Commerce platform

Skill - Angular, Expressjs, Nodejs, MongoDB.

- Upgraded Angular from v7.0 to v15.2.10 with dependencies and introduced Angular Server-Side Rendering, resulting in a 30% improvement in initial page load performance and enhancing the website's SEO friendliness.

CSG forte. (CSG International)

Pioneering Payment Processing Solution

Skill - Angular, Angular Material, Nodejs, GPay API.

- Successfully Integrated GPay API button to processor UI and helped the API team to implement a wrapper to send payment details From Angular to the node.js server and then to the main payment processor Service. Successfully updated component to show/hide the Gpay button to processor UI.

Ragnar Events

Online events & race management systems

Skill - Angular, AWS Lambda.

- Efficiently manages the project by overseeing a team of 3 developers, ensuring smooth coordination and collaboration. Established clear and effective communication with the client regarding the features, updates, and feedback.
- Takes a hands-on approach in implementing significant enhancements, particularly the development and integration of Dashboard 2.0.

CCPMS(Car Charge-point management system)

Central system for the vehicle charging station

Skill - Nodejs, WebSockets, Reactjs.

- Conducted R&D for Open Charge Point Protocol Alliance v1.6 and developed core functionality with the help of Node.js and Websockets.
- Implemented core system for charging station connections using WebSockets Established secure connections with charging stations through SSL

JetPackED

SaaS-based Data analysis tool.

Skill - Angular, Rxjs, Nodejs, Expressjs, MySQL.

- Contributed to the database designs for a Software as a Service (SaaS)-based architecture and microservices. Processed raw data obtained from clever.com, meticulously organized it into distinct tables, and subsequently crafted SQL queries for various modules.
- Implemented a multi-layered filter feature (supporting single, multi, and checkbox options) using Angular with Propeller UI. Additionally, developed APIs to process and display data for schools, classes, teachers, and other related entities in the user interface.

Redprint & Revivn

Cloud-based asset management tool.

Skill - Reactjs, Redux, Nodejs, Expressjs, MySQL.

- Crafted SQL queries for diverse modules and implemented forms and data tables in React.js. Developed the logic for data retrieval and storage utilizing the Redux store and Axios.

Loveternational

Dating App.

Skill - Nodejs, Expressjs, MongoDB, Socket.io, Strapi.io.

- Developed full-scale APIs for applications using Nodejs, and Express.js.
- Designed DB architectures for the application and Implemented a Chat App with Socket.io.
- Integrated payment gateways and created algorithms for handling failed payments.

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Predictive Parts Management System

Yacht predictive parts service maintenance portal (offline).

Skill - Nodejs, Expressjs, MongoDB.

- Implemented the algorithms with the help of system design created by the client for automatic service and part replacement.
- Wrote the APIs with the help of Node.js and Wrote Scripts for automatic backup every day at the mentioned time.

Cancer Journey Care

Cancer Diagnostics by predictive cancer-related questions.

Skill - Nodejs, Expressjs, MongoDB, Paypal API.

- Developed an algorithm that stores questions and answers in a way that links them based on the responses. When a patient provides an answer to a question, the algorithm retrieves a new question from the database, taking into account the pattern of previous answers.
- Implemented payment service for questions asked by patients.

Education

Bachelor's Degree in Information Technology, 2018, GTU, Ahmedabad INDIA.

Diploma in Information Technology, 2010, GTU, Ahmedabad INDIA.

Certification

M001-MongoDB Certification, 08/2021, MongoDB University.

[View Credentials](#)
