Navpreet Singh
Senior Full Stack Developer

Navpreet is a certified AWS cloud practitioner and full-stack cloud developer specializing in JavaScript and Ruby on Rails. He has a decade of experience spearheading and architecting applications in NestJS, TypeScript, Next.js, React, and Ruby on Rails. Navpreet has demonstrated expertise with applications spanning various industries, including real-time applications that allow multiple users to collaborate to an eCommerce and food technology applications with a significant user base.

Contact

Email

navpreet@realmsai.com

Portfolio

https://realmsai.com/navpreet

Education

2011

Master of Business Administration (MBA) in Finance (Minor in Marketing)

2008

Bachelor of Engineering Degree in Electronics and Communication Engineering

Expertise

Skill	Experience
React	5 years
Next.js	3 years
Typescript	3 years
Nodejs	6 years
PostgreSQL	8 years
Ruby on Rails	9 years
Javascript	7 years
Tailwind CSS	3 years
Material UI	3 years
Jest,Cypress	6 years
Redux	4 years
Gatsby	2 years
AWS	9 years
Serverless	7 years
DynamoDB	3 years
MQTT, Websockets	3 years
contentful, sanity, strapi	2 years

Experience

2020 - 2023
ThingsGoSocial

Senior Full-stack Developer

- Developed ThingsGoSocial suite of products that provide manufacturers with real-time data analytics and predictive maintenance capabilities.
- Created sophisticated and high-performance data visualization, infographics, interfaces, dashboards, and AI and IoT applications for the enterprise using HighCharts, D3.js, Recharts, and Chart.js.
- Developed a solution to digitalize machine-based manufacturing vehicles operating on 200+ machines

2019 - 2022
MealSuite| Toronto,Canada(Remote)

Ruby on Rails Developer

- Built a credit system for healthcare facilities, their departments, employees, customers, and family members to pay for meals in their canteen or restaurant.
- Developed the core ledger system of the credit system to maintain sales, purchases, refunds, and discounts.
- Integrated iMonnit, a third-party online wireless sensor portal, and Twilio to monitor sensors and send alerts via email, SMS, or call to relevant people according to set conditions.
- Developed various background jobs for heavy data lifting and intensive operations such as maintaining accurate ledger and bringing new facilities into the system with all paid services included.

2017 - 2019
UntroddenLabs Pvt Ltd

Senior Software Developer

- Architected the products on IIOT, Factory Management, AI calendar to schedule meeting, and AI chat system.
- Implemented CI/CD with automated testing on AWS ECS to maximize the uptime of all micro-services at the minimum required infrastructure.
- Handled a team of 5 developers to develop various micro-services in Node.js, Python and Ruby on Rails
- Integrated ReCharts and D3.js in the analytical micro-service along with highly re-factored queries as store procedures to display charts in different time intervals.
- Integrated various Google services (GMAIL, Maps, Analytics, and so on), which co-ordinates with core AI services for automated tasks on them.
- Created a frontend for Untrodden Labs AI meeting scheduler app which takes verbal cues and schedules meeting verifying user availability on calendar, and updates both the user and any additional meeting guest 15 mins prior, both on mail & mobile.

Links

https://github.com/realms-ai

https://www.toptal.com/resume/navpreet-singh