

Durgesh Kumar Nishad

Junior Full Stack Developer

SUMMARY

Backend-focused Full Stack Developer with 1+ year of experience in Node.js, Express.js, TypeScript, and Sequelize ORM. Skilled in building scalable REST APIs, JWT authentication with RBAC, and database optimization using MongoDB and MySQL. Experienced in React.js, Next.js, and Tailwind CSS for frontend development. Proficient in Firebase Cloud Messaging, ExcelJS, Puppeteer, AWS EC2, and Cloudinary. Strong understanding of asynchronous programming, middleware architecture, OOP, and API integration. B.Tech graduate in Information Technology with a passion for developing secure, scalable, and high-performance applications.

TECHNICAL SKILLS

Main Technical Skills	Node.js (1 yr.), Express (1 yr.), JavaScript (1 yr.), TypeScript (1 yr.)
Programming Languages	Java, JavaScript (1 yr.), TypeScript (1 yr.)
C++ Libraries and Tools	C/C++/C#
Mobile Frameworks and Libraries	Crashlytics
JavaScript Frameworks	Express (1 yr.), Ext JS (1 yr.), Node.js (1 yr.), React (1 yr.)
.NET Platform	Identity Server (1 yr.)
JavaScript Libraries and Tools	Puppeteer (1 yr.)
Databases & Management Systems / ORM	MongoDB (1 yr.), MySQL (1 yr.), Redis, Sequelize (1 yr.)
UI Frameworks, Libraries, and Browsers	CSS3, HTML5, Tailwind CSS (1 yr.)
Cloud Platforms, Services & Computing	Cloudinary (1 yr.), Firebase Cloud Messaging (1 yr.), Netlify
Amazon Web Services	AWS EC2 (1 yr.), AWS IAM (1 yr.)
SDK / API and Integrations	API, Google API
iOS Libraries and Tools	Core Location
Third Party Tools / IDEs / SDK / Services	Excel (1 yr.)
Version Control	Git, Github Actions



Methodologies, Paradigms and Patterns	MVC, OOP
QA, Test Automation, Security	Postman, Puppeteer (1 yr.)
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	Middleware (1 yr.)

WORK EXPERIENCE

Full Stack Developer - Spirehubs (Spirehubs Backend and API Development)

Duration: Oct 2025 – Current

Summary: Development and maintenance of scalable backend services and REST APIs for Spirehubs, focusing on secure authentication and authorization mechanisms to protect application resources and support core business workflows.

Responsibilities:

- Designed and implemented authentication and authorization APIs, including JWT-based authentication and role-based access control (RBAC).
- Developed and maintained scalable REST APIs supporting core business workflows and frontend integrations.
- Improved API efficiency by identifying and removing redundant database calls in Sequelize-based services.
- Developed Excel import/export features using ExcelJS and PDF invoice/report generation using Puppeteer.
- Integrated Firebase Cloud Messaging (FCM) to deliver real-time notifications to users in production.

Technologies: Node.js, Express.js, Sequelize, MongoDB, Next.js, JWT, RBAC, ExcelJS, Puppeteer, Firebase Cloud Messaging (FCM)

Software Engineer Intern - Meritto (Meritto College Portal Landing Pages)

Duration: Jan 2025 – Jul 2025

Summary: Development of responsive landing pages and UI features for college portals within a SaaS environment, focusing on user experience and seamless integration with backend services.

Responsibilities:

- Developed responsive landing pages using React.js and Tailwind CSS.
- Implemented and improved form integrations including validation, data handling, and API connectivity.
- Collaborated with backend and product teams to deliver production-ready UI features.

Technologies: React.js, JavaScript, Tailwind CSS

Full Stack Developer (PhoolMandi Web App)

Summary: A full-stack web application enabling flower vendors to manage online stores, products, and customer inquiries, with secure backend services and optimized performance



deployed on AWS infrastructure.

Responsibilities:

- Developed backend services with JWT Authentication and REST APIs integrated with React.js frontend.
- Optimized backend performance using Google Guava caching.
- Deployed application on AWS EC2 and managed media storage via Cloudinary.

Technologies: Node.js, Express.js, MongoDB, React.js, AWS EC2, Cloudinary, JWT, REST APIs, Google Guava caching

Full Stack Developer (WorldWise – History of Travel)

Summary: A travel management application that allows users to track visited locations and travel details, featuring interactive map visualization using geolocation technologies.

Responsibilities:

- Developed frontend application using React.js.
- Integrated Geolocation API to visualize travel data on an interactive map.

Technologies: React.js, Geolocation API

EDUCATION

- **Bachelor of Technology in Information Technology**

Galgotias College of Engineering and Technology, Greater Noida CGPA: 7.5 / 10.0
2021 – 2025

CERTIFICATION

- **GeeksforGeeks (GFG) Rank 64 with 3-star rating**
- **Top 10 teams at the Hack Innovate Hackathon**

