

DURGESH KATYAYAN

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Summary

Versatile Full Stack Developer with 2+ years of experience in high-performance systems programming (C, Python) and Full-Stack development using MERN, Django, and Next.js. Proficient in building scalable applications across embedded, backend, and web platforms. Passionate about clean code, performance optimization, and solving real-world problems through elegant technical solutions.

Education

Chhatrapati Shahu Ji Maharaj University

Master of Computer Applications (MCA)

Kanpur Nagar, Uttar Pradesh

Pursuing

Chhatrapati Shahu Ji Maharaj University

Bachelor of Science (IT)

Kanpur Nagar, Uttar Pradesh

March 2023

Technical Skills

- **Programming Languages:** Python, JavaScript (ES6+), C, SQL, Typescript
- **Frameworks :** Django, React.js, Next.js, Node.js, Express.js, React Native, Tailwind, Bootstrap, MUI ,FastAPI
- **Database:** MySQL, MongoDB, Firebase, SQLite,PostgreSQL
- **Tools:** Git, VS Code, Postman , Thunder, GitHub, Canva, Excel
- **DevOps:** Docker, Web Servers (Apache NGINX, Cyber Panel) , Google Cloud Platform, DNS Management,
- **Platform:** Linux, Windows
- **Miscellaneous:** PowerPoint, Project Management, Design Patterns, Content Management

Experience

MERN Stack Developer (Remote)

June 2025 – Dec 2025

Cogent Web Services (Noida)

- Architecting dynamic web applications using the MERN stack and MySQL, focusing on high-performance scalability and seamless user experiences across distributed systems.

Full Stack Developer

Apr 2024 – June 2025

Swapnil Software Pvt. Ltd (Kanpur Nagar)

- Led MERN MySQL development, implementing Role-Based Access Control (RBAC) to improve security protocols by 25%.

Full Stack Developer (Remote)

Nov 2023 – Apr 2024

Iconiq Oakmont (Tamilnadu)

- Utilized TypeScript, Next.js, and the MERN stack to build scalable applications, achieving a 30% boost in system performance.

MERN Stack Developer

Aug 2023 – Oct 2023

Mecatredz Technology Pvt. Ltd (Lucknow)

- Developed an E-Village Management Application, streamlining CRUD operations and data handling for improved village administration.

Full Stack Developer Internship

Feb 2023 – July 2023

Techpile Technology Pvt. Ltd (Lucknow)

- Built 5+ scalable applications using React.js and Django, reducing API latency by 25% through efficient frontend-backend integration.

Full Stack Developer Trainee

July 2022 – Sep 2022

Softpro India Pvt. Ltd (Lucknow)

- Developed a Farmer Management Application (FMA) using Python/Django, improving data load times by 20%.

Projects

Project 1 | Online Purodha Infra Build LLP (Field Management)

- Developed a MERN stack web application integrated with MySQL featuring full CRUD capabilities and comprehensive data management. The system supported 5 distinct user roles—HR, Branch, Associate, Admin, and Member—improving operational efficiency and scalability.
- Implemented robust Role-Based Access Control (RBAC) across HR, Branch, Associate, Admin, and Member modules, enhancing security, streamlining workflow by 25%, and ensuring precise field-level access and management.

Apr 2024 – July 2024

Project 2 | UMCA Education

- Built and deployed a role-based access control (RBAC) system using MERN stack with MySQL and Redux, allowing differentiated access for admins, franchises, and students, and ensuring secure, real-time access to course content and user progress.
- Integrated dynamic certificate and degree generation system using REST APIs, enabling automatic issuance and download of verified credentials, which reduced manual processing time by over 70%.

July 2024 – Sep 2024

Project 3 | Prabhat India (WeighBridge)

- Built a digital weighbridge management system using React, Node.js, Express, and MySQL enabling real-time vehicle weight tracking, automatic ticket generation, and centralized data management to reduce manual effort and fraud.

Sep 2024 – Oct 2024

Project 4 | UMCA Studio (Audition)

- Developed a full-featured audition management platform (UMCA Studio) for dance, singing, modeling, and acting using React, Redux Toolkit, Node.js, Express, and MySQL, streamlining participant registration, audition scheduling, and multi-role access control.
- Integrated Razorpay payment gateway for secure online audition fee transactions and implemented day-wise graphical analytics using charts and REST APIs, enabling organizers to monitor registrations and revenue trends in real-time.

Nov 2024 – Jan 2025

Project 5 | Manvata Ek Pahchan (NGO)

- Built a full-stack NGO platform for *Manavata Ek Pehchaan* using React, Redux, Node.js, MySQL, and Razorpay, enabling donations, beneficiary tracking, and real-time data visualization via REST APIs.

Jan 2025 – Feb 2025

Project 6 | P K T (Data Management)

- Developed a high-performance web platform using React, Redux, Node.js, Express, and MySQL, designed for 5+ user roles with secure authentication, managing millions of data entries with RESTful APIs and efficient state handling.
- Implemented Razorpay for seamless donation transactions, integrated dynamic data visualization with real-time graphs, and built a responsive UI using MUI ,Docker and Tailwind CSS for an optimized user experience across devices.

Feb 2025 – June 2025

Achievements

- Python Certificate
- JavaScript Certificate
- MERN Certificate
- .NET Certificate

Additional Information

Languages: English (Native), Hindi (Fluent)