

Dwarika Kumar

Frontend Engineer | ReactJS | TypeScript | TailwindCSS | 3 YOE @ HCLTech

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Frontend Engineer with 3 years of experience developing scalable and high-performance web applications using ReactJS, TypeScript, and TailwindCSS. Currently at HCLTech, where I have contributed to platforms supporting over 10,000 users. Led frontend performance improvements that decreased page load times by 20% and collaborated on cross-team integrations, resulting in 99.9% data synchronization.

Built multiple production-grade projects, including "MockMate AI" — an AI-powered mock interview tool.

Passionate about clean, efficient UI and building tech that solves real problems.

Skills

- **Frontend:** HTML, CSS, JavaScript, ReactJS, Redux, TypeScript, Tailwind, Material UI, Shadcn, GSAP
- **Backend:** Flask, NodeJS, ExpressJS, Microservices, REST APIs, FastAPI
- **Database:** MongoDB, MySQL
- **AI:** LLMs, Generative AI
- **Cloud/DevOps:** AWS, Azure, Docker, Kubernetes
- **Tools:** Postman, Github, Webpack, Vite, Babel
- **Other:** Debugging, Troubleshooting, Performance Optimization

Experience

HCLTech | Noida, Uttar Pradesh

Frontend Engineer | October 2022 - Present

- Developed and maintained "Service Xchange," supporting **10,000+ employees**, improving incident tracking efficiency by 25%.
- Implemented **eBonding integrations**, ensuring **99.9% data synchronization** across systems like ServiceNow, BMC.
- Enhanced frontend performance, reducing page **load time by 20%** using React.js and optimized JavaScript practices.
- Collaborated with cross-functional teams to onboard new clients, improving scalability and operational efficiency.

Projects

MockMate AI | [GitHub](#) | [Live Link](#)

- Developed an AI-driven mock interview platform to help users enhance interview preparedness.
- Integrated Gemini AI API for real-time question analysis and feedback.
- Added voice and video features, providing immersive interview simulations.
- Implemented resume-based interviews, reducing preparation time by 40%.

Car Race Game | [GitHub](#) | [Live Link](#)

- Developed a browser-based interactive car racing game with keyboard and touch-sensitive controls.
- Implemented real-time movement, collision detection, and dynamic scoring.
- Designed multiple levels with increasing difficulty to enhance user engagement.

Flight Notification System | [GitHub](#) | [Live Link](#)

- Created a real-time flight notification system for an Indigo onsite Hackathon using React and Flask.
- Integrated SMS and email notification systems via Twilio and smtplib.
- Designed an admin panel to manage and update flight details efficiently.

Education

- **B.Tech, Computer Science and Engineering**
BP Poddar Institute of Management and Technology, Kolkata, WB (2018 - 2022)
- **Intermediate (12th), PCM**
Gaya College, Gaya, Bihar (2015 - 2017)
- **High School (10th)**
Manas Vidhyalaya, Jehanabad, Bihar (2013-2015)

Languages

- English (Fluent)
- Hindi (Native)