

AMIT PANDEY

Durgapur, West Bengal

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Work Experience

Full Stack Developer – Geeksynergy Technologies

May 2023 – Present

Bangalore, India

- Led the end-to-end development of scalable web applications using the **MERN stack** (MongoDB, Express.js, React, Node.js).
- Optimized frontend performance by implementing techniques like lazy loading, code splitting, and memoization, achieving a 35% faster render time.
- Enhanced React components by identifying and eliminating unnecessary re-renders, resulting in more efficient UI rendering.
- Built responsive and mobile-first interfaces by collaborating with UI/UX designers and integrating best practices for cross-device compatibility.
- Implemented state management with **Redux**, improving data flow and state synchronization across components, making the application more maintainable.
- Developed and integrated backend services using **Express** and **Mongoose**, enabling efficient communication with MongoDB and improving the scalability of web applications.
- Worked with cloud services such as **AWS EC2**, **Lambda**, **S3**, and **CodePipeline** to ensure seamless deployment, scalability, and cloud storage integration.
- Integrated third-party APIs and services, such as **Razorpay** for payment processing and **Firebase** for real-time updates, enhancing app functionality.
- Applied best practices for backend development, including **RESTful API** design, ensuring secure, scalable, and maintainable code.
- Used **Docker** for containerization, simplifying deployment and ensuring consistent development environments across different stages of the project.
- Contributed to multiple projects including **Flyden Holidays** and **Clippet**, developing features, optimizing performance, and enhancing user experience.
- Collaborated with cross-functional teams to implement real-time data processing and streaming services, significantly improving user engagement across various projects.
- Developed a **web platform** for placing and managing design orders on Clippet, enabling users to easily create, track, and manage their design projects through an intuitive interface.
- Developed and maintained mobile applications using **React Native**, optimizing app performance and ensuring consistent behavior across Android and iOS platforms.
- Mentored junior developers, helping them adopt best practices in **React**, **Node.js**, and **Redux** for maintaining code quality.

Projects

Video Meet App (GitHub)

Mar 2024

- Built a real-time video calling application using **Next.js**, **ShadCN**, and **WebRTC**.
- Implemented peer-to-peer video and audio communication with low latency, supporting multiple participants in a single call.
- Designed an intuitive UI with **ShadCN** for seamless user interaction, allowing users to easily initiate and manage video calls.
- Ensured cross-browser compatibility and responsive design to support a wide range of devices.
- Integrated **WebRTC** for real-time communication and **WebSocket** for signaling, enabling efficient connection establishment between clients.

Shopify – E-commerce Platform (Live) (GitHub)

Apr 2023

- Built and deployed a full-stack e-commerce site with modern tech stack.
- Used **React**, **Node.js**, **Firebase**, **Stripe**, **Nodemailer.js** and more.
- Implemented Google-based user authentication and admin dashboard for product management.

Technical Skills

Languages: C++, Python, Java, Core Java, HTML, CSS, JavaScript, TypeScript, SQL

Technologies: ReactJS, Redux, Flask, Node.js, Tailwind CSS, Bootstrap, Express.js, ShadCN, WebRTC

Databases: MySQL, MongoDB, Firebase, Oracle SQL, PostgreSQL

Tools: VSCode, PyCharm, Postman, Git, GitHub, Docker, AWS (EC2, S3, Lambda, CodePipeline)

Concepts: Data Structures and Algorithms, Computer Networks, DBMS, RESTful API Design, Agile Methodologies, Version Control

OS: Linux, Windows, macOS

Education

Bengal College of Engineering and Technology

Aug 2020 – Jul 2023

Bachelor of Computer Application (CGPA: 8.6)

West Bengal, India