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Education

Uttarakhand Technical University

Dehradun, Uttarakhand

B.Tech. in Computer Science – AI and Machine Learning

Aug 2022 – Jun 2026

Relevant Coursework

Data Structures, Object-Oriented Programming, Machine Learning, Database Management, Artificial Intelligence, Deep Learning, Natural Language Processing

Experience

Exponent Solutions

November 2025 – Present

Full Stack Developer Intern

- Developing full-stack web and mobile applications using Next.js and React Native with modern development practices
- Building responsive frontend interfaces and robust backend services with efficient database architecture
- Writing and implementing comprehensive unit and integration tests to ensure code quality and reliability
- Working with multiple databases to design optimized schemas and implement efficient data querying
- Collaborating with team members to deliver scalable and maintainable solutions

Projects

AI Diet Planner (NutriMate) | React Native, Expo, TypeScript, Gemini AI, React Context

July 2025

- Developed cross-platform AI-powered diet planning mobile application for personalized meal recommendations based on health goals using React Native and Expo
- Implemented real-time nutritional tracking system for calories, protein, and carbohydrates with interactive progress visualization
- Integrated Google Gemini AI API to generate intelligent meal suggestions with fallback logic ensuring uninterrupted user experience
- Ensured secure data handling using Expo Secure Store and optimized UI interactions with React Native Reanimated

Trip Bandhu (AI Trip Planner) | Next.js, ConvexDB, Clerk, shadcn/ui, Gemini AI

July 2025

- Built AI-powered trip planning platform using Next.js to create personalized trip timelines and manage travel itineraries
- Integrated ConvexDB for real-time data storage and synchronization with Clerk authentication for secure user access
- Implemented AI itinerary generation using Gemini Ai 2. flash to recommend day-by-day trip activities and destinations
- Designed responsive and modern user interface using React, Next.js, shadcn/ui, and Acernity UI components

HealSync | Next.js, Prisma ORM, MongoDB, Clerk, Tailwind CSS, Vercel

September 2025

- Developed full-featured doctor appointment platform with booking, cancellation, and consultation management functionality
- Built comprehensive doctor dashboard enabling appointment acceptance/rejection, video call integration, and patient note management
- Implemented admin panel for doctor verification, suspension, and patient activity management with role-based access control
- Integrated Clerk authentication system and designed responsive UI using shadcn components and Tailwind CSS
- Deployed production-ready application on Vercel with optimized performance and accessibility

Technical Skills

Programming Languages: Python, C/C++, JavaScript, TypeScript, SQL, HTML5, CSS

Frontend Frameworks: React, React Native, Next.js

Styling: Tailwind CSS, CSS3

Backend Frameworks: Express.js, Node.js, GraphQL

Databases: MongoDB, MySQL, ConvexDB

ORM and Tools: Prisma ORM, Clerk, shadcn/ui

Developer Tools: Git, VS Code, Android Studio, DBeaver, Eclipse

Specializations: Machine Learning, Artificial Intelligence, Deep Learning, Natural Language Processing

Certifications

Career Essentials in Generative AI — Microsoft and LinkedIn Learning — Covered fundamentals of artificial intelligence, generative AI models, and responsible AI practices

SQL (Basic) Certificate — HackerRank — Validated skills in database queries, table relationships, and SQL aggregations

Java Certificate — HackerRank — Demonstrated proficiency in Java programming and OOP concepts.