ANKIT ROUT

Fullstack Developer • DevOps Engineer • Backend Developer

University Institute of Engineering & Technology Panjab University • 2024 Pass out

Work Experience

MERN stack development @ Omninos Tech, ⧉ Chandigarh

July 2022 - Aug 2022 (1.5 months) | Full-time

- The Gym Subscription Management System is a web-based application designed to streamline and enhance the management of gym memberships, payments, and member information.
- I was a key member of the development team responsible for designing and implementing various aspects of the system. My contributions included.
- Membership Management, Subscription Plans, Payment Tracking, Workout Schedules, Renewal Reminders, Reports and Analytics, Staff Management, Responsive Design.

Skills Developed: NodeJs, React.js, ExpressJs, MongoDB

NodeJs developer @ Web3Nest, Remote ⧉

May 2023 - July 2023 (2 months) | Full-time

- The project assigned was the "Parent-Teacher Meeting (PTM) Assistant," a web-based application designed to streamline and enhance the parent-teacher meeting process in schools.
- my contribution to the project included actively participating in the development of server-side applications and APIs, leveraging Node.js to manage data retrieval and manipulation with MySQL databases.
- Key Features include User Authentication, Personalized Dashboards, Meeting Scheduler, Question Submission, Real-time Chat, Academic Progress Tracking, Meeting History, Notifications, and an Analytics Dashboard.

Skills Developed: NodeJs, MySQL, ExpressJs

Backend Developer Nodejs @ ⧉ IngenDynamics, Remote

June 2023 - Present (2 months) | Part-time

- CourseMate: A B2C educational platform using data analytics and machine learning to offer personalized course recommendations for informed academic choices.
- Significantly contributed to CourseMate by leading backend development, integrating machine learning, managing user profiles, overseeing database management, implementing the notification system, and collaborating across development teams.
- Personalized course recommendations, interactive user profiles, course reviews and ratings, scheduling and planning tools, institution comparison, notifications and reminders, and career pathway mapping.

Skills Developed: NodeJs, ExpressJs, MongoDB, MySQL

Skills

Certifications & Courses

AWS cloud technical essentials

- The AWS Certified Cloud Practitioner is an entry-level certification offered by Amazon Web Services (AWS). It is designed for individuals who are new to AWS and want to establish a foundational understanding of cloud computing and AWS services. Here's a brief description of the AWS Cloud Practitioner certification

March 2023 | Certificate Link

AWS cloud practioner essentials

- AWS Cloud Practitioner Essentials certificate is an entry-level credential validating foundational knowledge of AWS cloud services and solutions.

January 2023 | Certificate Link

Projects

Querell-AI 🔗

- The goal of the QuerellAI project is to create an AI-powered interviewer that revolutionizes technical interviews in React and Node.js development, providing a seamless, customizable, and insightful assessment of candidates' proficiency and coding skills, all while ensuring data security and privacy.

- The development process for QuerellAI involved planning, technology stack selection, frontend and backend development, database design, third-party API integration, UI/UX design, testing, deployment, CI/CD setup, user documentation, security measures, future feature planning, and ongoing maintenance.

- Some important features of the QuerellAI project include seamless React and Node.js assessments, customizable technical evaluations, an extensive knowledge repository, insightful analysis and reports, data security and privacy assurance, and seamless OpenAI API integration.

Skills Developed: NodeJs, React.js, PostgreSQL, Google Cloud, AWS, Prisma, Docker

PregChat 🔗

- The goal of this project was to provide expecting mothers with easy access to pregnancy-related information and support through a chatbot.

- The project was developed using ReactJS for the frontend, NodeJS for the backend, Google Sheets for the database, and Dialogflow API for natural language processing.

- Important features of the project include voice-based interaction, personalized responses, access to medical emergency information, medication safety information, exercise tips, and 24/7 availability.

Skills Developed: Google Cloud, React.js, NodeJs

AlgoBEE AI </>

- The goal of this project was to create an AI-powered coding buddy to assist students in learning programming, providing assessments, hints, and debugging help.

- The project was developed using the Textbase framework, incorporating NLP and ML techniques. It includes an inbuilt compiler and chatbot assistant.

- Important features include teaching programming topics, providing assessments, offering hints, solving problems, and finding errors in code for students from Class 6 to 2nd-year college.

Skills Developed: React.js, NodeJs, Typescript

Position of Responsibility

Cloud Lead   Link

- As a Cloud Lead at GDSC UIET HSP, Ankit Rout played a pivotal role in guiding and mentoring over 100 students in the intricacies of Google Cloud services. His responsibilities included providing hands-on learning experiences, sharing in-depth knowledge about GCP tools and services, and successfully completing challenge labs as part of the Google Cloud 30 Days of Cloud program. Ankit's leadership in this role demonstrated his expertise in cloud computing and his commitment to fostering the growth of aspiring tech enthusiasts within the organization.

- CodeDex february Website making challenge 1st position
- Mercor Textbase Chatbot challenge 5th position.