Anand Panda

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EDUCATION

Kalinga Institute Of Industrial Technology
Bachelor of Technology (B.Tech) in Computer Science and Engineering   *October 2021 – May 2025*
Relevant Coursework : Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Computer Networks, Big Data, Cloud Computing

EXPERIENCE

Summer Intern   June 2024 – July 2024
Bharat Heavy Electricals Limited (BHEL)   *Noida, India*
- Spearheaded the development of a custom chatbot that processed and analyzed data from multiple PDFs simultaneously, improving data handling efficiency.
- Optimized query response functionality, boosting accuracy by 20 percent through improved NLP algorithms and backend optimization.
- Engineered the chatbot using Langchain and Gemini frameworks, improving natural language processing and increasing data processing speed by 15 percent.

PROJECTS

Imaginify   [Github Repo][Deployed Here]
Next.js, Typescript, MongoDB, Tailwind CSS
- Engineered a comprehensive image manipulation platform, incorporating AI-powered features like image restoration, recoloring, and object removal.
- Integrated Cloudinary for efficient image processing and Stripe for secure payment handling, ensuring a seamless user experience.
- Enhanced the application's scalability through microservices architecture, ensuring efficient load management.

Evently   [Github Repo][Deployed Here]
React, NextJS,MongoDB,Tailwind CSS)
- Developed a full-stack event management platform, implementing JWT-based user authentication and session handling.
- Integrated a calendar and notification system, enabling users to create, edit, and receive reminders for events.
- Developed the backend using Express and MongoDB to ensure high scalability and seamless CRUD operations.

Moneyapp   [Github Repo]
Django, Django REST Framework, React, Axios, SQLite, JWT
- Designed and developed a scalable full-stack personal finance tracker with frontend using React and backend using Django.
- Implemented JWT authentication and optimized RESTful API to ensure secure data flow between frontend and backend.
- Created a responsive financial dashboard providing users with real-time insights, leveraging industry-standard best practices in security and scalability.

Golang Slackbot for File Uploading   [Github Repo]
Golang
- Developed a Slackbot using Golang and Slack API to automate file uploads to Slack channels.
- Implemented OAuth-based authentication and enabled handling of various file types.
- Simple, modular, and easy-to-configure codebase for customizing additional functionalities.

TECHNICAL SKILLS

Programming Languages: C++, Python, Golang, Java, Javascript
Backend Development : Django, Spring Boot, Node.js, Express.js
Frontend Development : HTML5, CSS3, React, Axios, Tailwind CSS, Next.js
API Management : RESTful API, GraphQL
Database Management : MongoDB, SQL, SQLite
Others : AWS, Docker, Kubernetes, Github

ACHIEVEMENTS

- **Institute Rank - 3** on GeeksforGeeks from over 2000+ actively participating students.