Kuheli Deepak Das

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EDUCATION

Bachelor of Engineering - Computer Science Engineering (Artificial Intelligence and Machine Learning)

A.P. Shah Institute of Technology 2022 - 2026

Relevant Coursework: Database Management System, Data Structures and Algorithms, Web Development, Aritificial Intelligence, Machine Learning

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TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, Python, Java

Frameworks: Node.js, Express, API Integration

Cloud/Databases: MySQL, PostgreSQL, MongoDB, AWS

Web Dev Tools and others: VsCode, Git, Github, Linux, IntelliJ IDEA, Excel, Kaggle

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PROJECTS

1. **Budget and Expenses Tracker**

HTML, CSS, JavaScript, MySQL, Currency Exchange API

- Developed a responsive web app to track daily budgets and expenses using HTML, CSS, and JavaScript.
- Integrated MySQL to store user transactions and categorize spending.
- Added a real-time currency converter feature using a public API for seamless global use.
- Enabled users to view spending analytics and summaries for better financial management.

2. **Recipe Generator**

HTML, CSS, JavaScript, MySQL, Recipe API

- Built a dynamic recipe generation app where users could enter keywords to receive relevant recipes via API calls.
- Designed an intuitive frontend interface and connected it to a MySQL backend to save user searches and preferences.
- Enhanced the user experience with fast-loading recipe results and responsive design.

3. **AI-Driven Task Manager**

HTML, CSS, JavaScript, Node.js, Python, MongoDB

- Developed a full-featured task management platform with to-do lists, calendars, and productivity tracking.
- Implemented an AI module using Python and machine learning to analyze user activity and predict the most productive hours.
- Utilized Node.js for backend logic and MongoDB for storing user tasks and activity logs.
- Improved user productivity through personalized time-based task suggestions and analytics.

EXPERIENCE

Google AI-ML Virtual Internship
July – Sept 2024 | Online

AICTE–Eduskills

• Built a feature-rich web application using YouTube Data API v3 and Edamam API to generate personalized fitness and diet plans.

• Crafted an intuitive interface that enhanced user interaction and boosted platform stickiness.

• Hosted the application on AWS S3 and integrated Firebase for secure user authentication and real-time data sync.

• Established continuous integration and deployment workflows, cutting down deployment cycles by 40%.

Google Android Developer Virtual Internship
April – June 2024 | Online

AICTE–Eduskills

• Developed Android apps focusing on clean architecture, Firebase authentication, and responsive UI/UX design.

• Integrated third-party services like Firebase Cloud Messaging for enhanced app interactivity and notifications.

• Learned end-to-end Android app development from design to Google Play Store deployment.

• Focused on performance optimization and seamless navigation to ensure smooth user experiences.

AWS Data Engineering Virtual Internship
Jan – March 2024 | Online

AICTE–Eduskills

• Acquired expertise in building scalable data pipelines and managing data flow using AWS Glue, Redshift, and S3.

• Learned ETL techniques to transform raw data into structured formats suitable for analysis.

• Hands-on experience with AWS Athena and QuickSight for querying and visualizing large datasets.

• Focused on optimizing data storage and retrieval processes to enhance overall system performance.

AWS Cloud Virtual Internship
Oct – Dec 2024 | Online

AICTE–Eduskills

• Worked with core AWS services (S3, EC2, Lambda) to design and deploy cloud-native solutions.

• Created AI-powered apps supported by scalable and efficient cloud architectures.

• Applied budgeting and performance optimization techniques to achieve a 25% reduction in cloud resource costs.