Ayesh Ranjan Bhuyan

Full stack Engineer

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Motivated to secure an entry-level software engineering role to contribute to innovative development projects. Skilled in backend development with Node.js, frontend tools using ReactJS and Angular, and basic cloud and DevOps practices. Experienced in working with real-time data and collaborating with embedded teams. Committed to continuous learning and eager to deliver impactful solutions with a dynamic team.

EDUCATION

Biju Pattnaik University of Technology   8.1 Cgpa
B-tech, Computer Science and Engineering

WORK EXPERIENCE

Retrack Automation
Software Devloper

Worked as a Software Developer on real-time enterprise applications to solve operational challenges. Developed dynamic and responsive user interfaces using Angular and React, built RESTful APIs with Node.js and Express, and managed data using MySQL and MongoDB. Gained hands-on experience with the MERN stack, Agile collaboration, and deploying production-ready solutions.

PROJECTS

TweetApp: A Django-based Twitter Clone
Built a Django-based Twitter clone that allows user registration, tweeting, commenting, and liking. Handled media uploads, user sessions, and deployed the app on PythonAnywhere using GitHub.

- Developed a full-stack web application using Django and SQLite for backend data management.
- Implemented user authentication, tweet creation with image upload, comment and like functionality.
- Managed frontend using Django templates with clean layout and responsive design.
- Used Git for version control and pushed the project to GitHub; deployed the final app on PythonAnywhere.

🔗 https://github.com/ayesh03/ayesh-tweet

Mood Music App
Developed an innovative web application that detects a user's mood from uploaded photos and curates personalized music playlists using the Spotify Web Playback SDK. The app integrates mood analysis with dynamic song recommendations, enhancing user engagement through music and emotion-based personalization.

- Built a mood-based music app using Angular 17 and Node.js, analyzing user-uploaded images to recommend Spotify songs.
- Integrated Spotify OAuth 2.0 (Implicit Grant Flow) with Web Playback SDK for secure login and music streaming.
- Handled state, mood analysis, and playlist fetch via reactive services for real-time updates and smooth UX.
- Resolved HTTPS redirect issues using ngrok; designed a responsive, SCSS-styled UI for cross-device compatibility.

🔗 https://github.com/ayesh03/Mood-Music-App

Feedback Management Application
Developed a dynamic web application to collect and manage user feedback with real-time updates, implementing API-based interactions and modular UI components for a seamless user experience.

- Built a React app with dynamic feedback submission, editing, and deletion using useState and useEffect.
- Designed reusable components (FeedbackForm, FeedbackList, OverallRating) for modular development.
- Displayed real-time rating summaries and managed state for smooth user interactions.
- Styled with custom CSS for a responsive, user-friendly interface across devices.
- **Technologies Used:** React.js, JavaScript, HTML, CSS, REST APIs, Git.

🔗 https://github.com/ayesh03/feedback-system

SKILLS

Programming Languages: C, C++, Python, JavaScript, Node.js, C#

Frameworks & Libraries: Django, React.js, Angular, Bootstrap, .NET,Express.js

Web Technologies: HTML, CSS, REST APIs, WebSocket

Databases: Firebase (Realtime Database), MongoDB, MySQL, PostgreSQL

Cloud & DevOps: AWS, GCP, Docker, CI/CD Pipelines

Tools & Platforms: Git, VS Code, Postman, Docker Hub