

Aniket Pathak

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Summary

IT engineer skilled in JavaScript, C++ , Data Structures, React.js, with a focus on creating reliable software solutions through creativity. Eager to contribute technical expertise and a passion for technology to drive impactful projects and industry advancements.

Certification

AlmaBetter | Full Stack Web Development,
Sept 2023 - Mar 2024

- Acquired proficiency in full-stack web development through hands-on projects and mentorship, ensuring readiness for industry challenges.

Education

Yeshwantrao Chavan College of Engineering Nagpur , BE in IT	Aug 2019 – June 2023
• CGPA: 7.28/10	
Vidya Bharati Mahavidyalaya,Amravati , Hsc in Science	Sept 2017 – May 2019
• Percentage- 65.85	
Shree Ganeshdas Rathi Vidyalaya, Amravati , Ssc	June 2016 – May 2017
• Percentage- 85.60	

Experience

Software Engineer , MRSAC – Nagpur, Intern	Mar 2023 – June 2023
<ul style="list-style-type: none">• Developed detailed spatial databases by gathering data from satellites, aerial sensors, and ground surveys; enhanced geospatial analysis capabilities and supported various state-level projects in Maharashtra, India• Contributed to flood detection with satellite imagery, improving speed by 30%, accuracy by 25%, and reducing disaster response time by 20%.• Engineered customized software applications using React.js, JavaScript, HTML/CSS, and APIs, enhancing the effective utilization of remote sensing and GIS technologies	

Technologies

Languages: C++ , C, JavaScript, Data Structures and Algorithms (DSA), CSS, Tailwind CSS

Frameworks: Bootstrap, React.js, Node.js, Redux, React-Router, NPM RESTful APIs:fetch

Tools: VS Code, Chrome DevTools, Git, GitHub, Postman, Google Colab, Netlify

Projects

Google Translate Clone	github.com/repo
<ul style="list-style-type: none">• Created a functional language translation application utilizing React and Material-UI.• Engineered seamless multilingual support by integrating My Memory translation API, delivering consistent translations across 15 languages, reducing customer support tickets by 30% and enhancing global user engagement by 20%• Integrated My Memory translation API, providing real-time translation for 12 languages, which decreased translation errors by 40% and improved user satisfaction by 25%• Tools Used: React.js, JavaScript, Material UI, API	

Weather Application

github.com/repo

- Developed and deployed a real-time weather update application with React and the WeatherAPI.com API.
- Delivered precise global weather updates with an accuracy rate of 95%, ensuring reliable information for users worldwide.
- Introduced detailed wind information, including speed and gusts, essential for aviation, shipping, and outdoor event planning, resulting in increased stakeholder confidence.
- Reduced time spent on manual weather monitoring by 50% through automated updates, improving operational efficiency.
- **Tools Used:** React.js, JavaScript, HTML/CSS, API

Fake news detection using fine-tuned BERT with attention mechanism.

- Utilized BERT and CNNs to classify news articles as real or fake.
- Achieved a high accuracy of 99% in detecting fake news.
- Executed comprehensive pre-processing techniques to clean and prepare the data.
- Leveraged BERT's contextualized representations for deep semantic understanding.
- Integrated attention mechanisms and CNNs to improve the model's predictive capabilities.

Additional Experience And Awards

Cricket Tournament: Organized a cricket tournament in ITECHROOTS 12.0, demonstrating leadership.

Online Gaming: Won inter-college online gaming tournaments, showcasing competitive spirit and strategic thinking.