

Teki Viswagna Bramha

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GitHub | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Ambitious Web Developer with excellent experience in creating full-stack web applications that are scalable in nature using the MERN stack. Experienced in creating responsive, high-performance web interfaces with secure authentication, RESTful APIs, and real-time capabilities. Experienced in Firebase, cloud deploy, and front-end frameworks like React.js. Also experienced in cross-platform development using React Native. Fast learner with interest in learning new technologies and delivering optimized user experiences in agile development environments

EDUCATION

Potti Sriramulu Chalavadi Mallikarjuna Rao of Engineering and Technology
Computer Science Engineering BTech
CGPA: 7.6

Vijayawada
2021 - March - 2025

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript
- **Libraries/Frameworks:** React.js, HTML5, CSS3, Tailwind CSS, Node.js, Express.js
- **Mobile Dev Tools:** Expo, Firebase
- **Web/Software-Development:** Web Development
- **Database:** MongoDB, SQL
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Anaconda, Google Colab
- **Soft Skills:** Problem Solving, Teamwork, Communication, Time Management

EXPERIENCE

Black Bucks - APSCHE - Black bucks Education Pvt Ltd

Vijayawada | Mar 2025

- Successfully completed a Full Stack Development internship under the APSCHE initiative in collaboration with Black Bucks Education Pvt Ltd.
- Gained practical exposure to building end-to-end applications using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Developed and optimized scalable and responsive web applications, ensuring performance and usability across different devices and screen sizes.
- Worked on both front-end and back-end components, focusing on integrating RESTful APIs and building reusable components with React.js.
- Participated in code reviews, debugging sessions, and agile stand-ups to understand the life cycle of professional software development.
- Deployed and maintained live applications, gaining hands-on experience with cloud hosting, database integration, and version control tools like Git.

DevSkills - Python Internship

Vijayawada | Mar 2024

- Gained hands-on experience in Python programming, exploring advanced concepts and real-world applications.
- Worked on projects that strengthened coding proficiency and practical implementation of Python for software development and data analysis.
- Developed an AI Assistant using Python, incorporating features like voice commands, operations, and image recognition.

PROJECTS

Gaming Website - 2024 | Platform

HTML, CSS, JavaScript, Bootstrap, MongoDB, Firebase

- Developed an interactive gaming website with a MongoDB-powered back-end and deployed it on Firebase.
- Designed a responsive and user-friendly interface to ensure seamless performance across devices.
- Integrated real-time data handling to enhance gameplay interactions and improve user engagement.

Article Summarizer – 2024 | Platform

React.js, Next.js, Rapid-API, Netlify

- Developed a web app using React.js, Next.js, and RapidAPI to summarize long articles into concise, readable formats.
- Integrated AI-powered summarization via RapidAPI to improve user comprehension and save time.
- Deployed the application on Netlify for fast, reliable access across devices.
- Enabled URL-based article input with real-time summary generation using modern frontend frameworks.

Task Manager App - 2025

React Native, Expo, MongoDB, Express.js, React.js, JWT

- Developed a cross-platform mobile app for managing tasks with due dates and reminders.
- Reduced missed deadlines by 30% through real-time push reminders.
- Implemented secure user authentication with JWT-based password encryption.
- Built a responsive UI using React Native and managed back-end API's with Express.js and MongoDB.

Cloud Pattern Analysis Using Deep Learning | Platform

UNET, Image-filters, Streamlite

- Designed and implemented deep learning models such as U-Net and U-Net++ to analyze and segment cloud patterns in satellite imagery.
- Applied advanced image filtering techniques for preprocessing and noise reduction to enhance segmentation accuracy.
- Improved model performance using custom loss functions and data augmentation strategies.
- Demonstrated the effectiveness of deep learning in environmental monitoring and atmospheric data analysis.

CERTIFICATIONS

- Machine Learning - Udemy
- Mastering Python Basics Bootcamp - Udemy
- Fundamentals of Deep Learning - NPTEL
- SQL - HackerRank
- Web Development - Black Bucks