

Purusharth Kumar

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GitHub: GitHub — LinkedIn: LinkedIn — Portfolio: Portfolio

Objective

B.Tech Computer Science undergraduate with a strong foundation in full-stack web development (MERN stack) and hands-on experience building scalable, user-friendly applications. Seeking a web development internship to learn under experienced professionals, strengthen my technical skills, and contribute to impactful, production-grade solutions.

Education

Vellore Institute of Technology (VIT), Chennai

Chennai, India

B.Tech in Computer Science and Engineering

2023 – 2027

Relevant Coursework: Web Development, Databases, Data Structures & Algorithms

Technical Skills

Programming Languages: C++, C, Java, Python, TypeScript

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Tailwind CSS, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, Authentication & Authorization, Server Development

Databases: MongoDB, PostgreSQL, Firebase Realtime Database

Tools & Platforms: Git, GitHub, VS Code, Cursor IDE, Postman

CS Fundamentals: Data Structures & Algorithms, Problem Solving, Web Performance Optimization

Experience

Junior Full-Stack Developer – Intern

Broadway Links Pvt. Ltd.

Remote / Chennai — Ongoing

- Developed full-stack web applications with complete authentication and authorization flows using Next.js, TypeScript, Node.js, and PostgreSQL.
- Built responsive, production-ready UI components with React and Tailwind CSS, ensuring cross-device compatibility.
- Integrated and optimized RESTful APIs with secure data handling and efficient database queries.
- Implemented security best practices for user data protection and role-based access control.
- Collaborated with a cross-functional team using Git and GitHub for version control and code reviews.

Projects

blpl-web – Production Web Application

GitHub

- Built a production-grade company website during internship at Broadway Links Pvt. Ltd. with complete authentication system and responsive UI.
- Implemented secure login, protected routes, and role-based access for different user types.

- Optimized UX and performance for fast page loads and smooth navigation across devices.

TO_DO_List – Full-Stack Task Management Application

GitHub

- Developed a full-stack task manager with user authentication (JWT-based) and persistent task storage.
- Enabled users to create, edit, update, and delete tasks with an intuitive, responsive interface.
- Structured RESTful APIs for task operations and integrated secure communication between frontend and backend.

Machine Learning & AI Projects

GitHub

- *Flower_Name_Prediction:* Built a classification model on the Iris dataset achieving around 95% accuracy using multiple ML algorithms.
- *Predicting_houseprice_mlproject:* Implemented house price prediction using regression algorithms and feature engineering for improved accuracy.
- *Chatbot-Project:* Developed an NLP-based chatbot using Python and NLTK with pattern matching and basic context awareness for conversational interactions.

Areas of Interest

Full Stack Web Development; RESTful APIs; Cloud Integration; Database Design; Authentication & Authorization Systems; Scalable Web Architectures

Soft Skills

Team Collaboration; Problem Solving; Adaptability; Attention to Detail; Continuous Learning; Communication