

Priyanshu Burde

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EDUCATION

VIT Bhopal

B.Tech - Computer Science Engineering

Sep 2022 – Present

CGPA: 8.66/10

Amity International School, Vasundhara (Sector-6)

Higher Secondary (XII), Science (PCM) - CBSE

May 2012 – Jul 2022

Board: 95.6/100

EXPERIENCE

Software Developer Intern

BluRock Ionic

Sep 2024 – Present

(Remote) Punjab, India

- Engineered a multi-level admin system with dashboards, super-admin privilege management, and vendor/user analytics; introduced instant search, filtering, and sorting, reducing manual effort by more than 70%.
- Optimized a blog platform by integrating Cloudinary image transformations, reducing site load times by 94% and eliminating frequent timeouts (about 33% of loads), significantly improving scalability and user retention.
- Developed a Redux-powered Notes application with React.js and Redux Toolkit, implementing persistent storage and preventing unnecessary re-renders, improving stability and responsiveness for active users.
- Designed and delivered a responsive Next.js showcase website, enhancing accessibility and usability; the site now ranks first on Google search results for the client's company name, boosting visibility and credibility.

PROJECTS

MedCap - AI-Powered Healthcare Analysis | MERN, Tailwind CSS, Firebase, JWT, Adobe PDF API, Vercel

- Engineered an AI-driven platform that processes PDF medical reports to generate personalized healthcare recommendations.
- Integrated JWT-based authentication and Firebase for secure user profiles and medical record management.
- Designed a dashboard for tracking medical history, managing profiles, and accessing AI-powered health insights.
- Deployed on Vercel for fast performance and fully responsive access across devices.
- Live Demo:** medcap.vercel.app **GitHub:** [Repository](#)

Agro AI – Smart Agriculture Assistant | React Native, Django REST Framework, Node.js, OpenCV, TensorFlow

- Implemented deep learning models for plant disease detection using the PlantVillage dataset with TensorFlow and OpenCV.
- Integrated YOLOv3 for real-time animal intrusion detection to enhance farm security.
- Built a crop management system with Google Maps to track plantation locations, irrigation schedules, and harvest timelines.
- Developed an intelligent chatbot with Node.js to provide real-time agricultural assistance to farmers.
- GitHub:** [Repository](#)

FabCycle – Fabric Recycling Platform | Express.js, MongoDB, Bootstrap

- Developed an e-commerce platform for buying and selling upcycled fabrics with secure user authentication.
- Built features including shopping cart, store locator, and automated email notifications for order tracking.
- Implemented product ratings and reviews, enabling users to provide feedback and engage with sellers.
- Live Demo:** <https://fabcycle.vercel.app> **GitHub:** [Repository](#)

ACHIEVEMENTS

AI Hackathon Winner - Secured 1st place at BluRock Ionic's internal AI Hackathon for developing *MedCap*, an AI-powered healthcare solution.

DSA Tussle - Ranked in the Top 15 among participants in a competitive Data Structures & Algorithms coding contest.

TECHNICAL SKILLS

Frontend – React.js, Next.js, Tailwind CSS, Bootstrap, HTML, CSS

Backend – Node.js, Express.js, REST APIs, Django

Databases & ORM – MongoDB, Firestore, MySQL, Prisma

Tools & Platforms – Git, GitHub, Firebase, Vercel, Generative AI APIs (Gemini, Groq)

Languages – JavaScript (ES6+), Python, C++