

Piyush Kumar

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Summary

Enthusiastic and detail-oriented **Computer Science student** (B.Tech, 2022–2026) specializing in **full-stack web development** and **machine learning**. Experienced with building scalable web and mobile applications, integrating APIs, and applying ML/DL techniques. Strong foundation in **MERN**, **Django**, **React.js**, **Angular.js**, and database systems. Actively seeking opportunities to contribute as a **Software Engineer / ML Engineer**.

Education

The Neotia University, B.Tech in Computer Science & Engineering

CGPA : 8.85

Experience

Flutter Developer Intern, XETA Labs

- Implemented **Mixpanel analytics tracking** into a production Flutter application, enabling user behavior insights and event tracking.
- Collaborated with senior developers to integrate tracking for multiple user flows, improving product decision-making.
- Enhanced debugging and performance monitoring through structured event logging.

MEAN Stack Intern, Akashic Soft Pvt. Ltd.

- Contributed to development of **RESTful APIs** with MongoDB, Express, Angular, and Node.js.
- Assisted in writing unit tests using Jest, improving test coverage by 20% and ensuring code reliability.
- Collaborated in Agile sprints with cross-functional teams to deliver new features within deadlines.

Python Development Intern, AILBS, Kolkata

- Designed and developed an **Event Management System** using Django, with backend database integration.
- Implemented core features including event booking, service management, and dynamic user interaction.
- Strengthened Python and Django development skills while working in a team-based environment.

Projects

Stay Finder (Room Rental Website) [Link]

- Full-stack rental platform allowing homeowners to list properties and tenants to search/book rooms.
- **Tech Stack:** Node.js, Express.js, MongoDB, Bootstrap.
- Designed responsive UI with Bootstrap and custom CSS for a seamless user experience.

Employee Management System [Link]

- Developed an employee management system using **React.js** with local storage for persistence.
- Implemented task assignment, CRUD operations, and personalized dashboards for employees.
- Enhanced usability with real-time updates and clear task progress tracking.

Event Management System [Link]

- Django-based booking application enabling customers to book events and service providers to manage listings.
- Implemented **SMTP-based email notifications** for order confirmations and billing.
- Focused on a user-friendly UI and automated workflows for improved customer experience.

Skills

Languages: C++, Python, Java, JavaScript, SQL

Frameworks/Libraries: MERN, Express.js, React.js, Bootstrap, Tailwind, Flutter

Databases: MongoDB, MySQL

Technologies: Machine Learning, Deep Learning, API Development, Web Scraping

Tools: Google Colab, Postman, Git/GitHub, Jest, Mixpanel

Certifications

Programming Essentials in Python (CISCO)