

Piyush Yadav

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Career Objective

To secure a challenging and rewarding position in a dynamic organization where I can apply my skills, knowledge, and dedication to contribute to the success of the team. I aim to continuously enhance my professional growth while delivering meaningful value to the organization through hard work and innovation.

Education

INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT Master of Computer Applications CGPA-8.27(1st Sem)	Parandvadi, Pune Sep 2024 – Present
DR. D. Y. PATIL ARTS COMMERCE AND SCIENCE COLLEGE Bachelor of Computer Applications , CGPA-9.17	Pimpri Aug 2021 – June 2024
SHRI SHIVAJI VIDYAMANDIR JUNIOR COLLEGE HSC -Maharashtra Board , 77.17 %	Aundh Feb 2021
LITTLE ANGEL'S PUBLIC SCHOOL SSC - Maharashtra board , 73.4%	Pimple Gurav March 2019

Technical Skills

Operating Systems: Windows, Linux (Ubuntu , RedHat)
Languages: Java, Python, C/C++, SQL , JavaScript, HTML/CSS
Frameworks: React, JQuery, Node.js, Material-UI, FastAPI, Bootstrap
Databases: PostgreSQL , MongoDB
Developer Tools: Git, Visual Studio, PyCharm, IntelliJ IDEA , Spring Toolsuit, Postman

Projects

- EduForum: Smart Academic Forum & Chatbot System** | *React.js, Node.js, Express.js, PostgreSQL* [Link](#)
- Engineered a comprehensive educational platform featuring an AI-powered chatbot, real-time forum discussions, and department-specific notice boards for seamless academic communication.
 - Implemented role-based access control (Student/Teacher/Admin), Google OAuth integration, and JWT authentication for secure user management and data protection.
 - Developed with React.js frontend using Material-UI components and Node.js/Express.js backend, featuring PostgreSQL integration, real-time notifications, and responsive design with dark/light theme support.
- SmartLedger: Full-Stack Invoicing Solution** | *MongoDB, Express, React, Node.js, Redux, Material UI* [Link](#)
- Designed and implemented a comprehensive invoicing platform with features for creating, sending, and managing invoices, receipts, and estimates using the MERN stack.
 - Developed secure user authentication system with JWT and Google OAuth, coupled with RESTful API endpoints for client, invoice, and payment management.
 - Integrated PDF generation using html-pdf for professional document creation and Nodemailer with SMTP for automated email notifications and reminders.
- FindMySpot: Real-Time Parking Locator** | *React.js, Node.js, Express.js, MySQL, Leaflet.js* [Link](#)
- Built a full-stack parking platform using React.js, Node.js, and Express.js with an interactive map interface.
 - Integrated Leaflet.js for geolocation-based search with dynamic map rendering based on real-time queries.
 - Implemented role-based access control and JWT authentication ensuring appropriate data access and security.
 - Designed an indexed MySQL database supporting user profiles, listings, bookings, and feedback.

Achievements

Best Research Paper Award (Track 3): Received at the National Conference on Technological Advancements in Academia and Industry 4.0 (NCTAAI 4.0) for the paper titled *"The Future of Assessment: AI Grading Technologies."*

Cybersecurity Awareness Initiative: Awarded Cyber Suraksha Award for promoting online safety and phishing prevention.