

PANKAJ P. PANDEY

Kalyan, Mumbai, Maharashtra, India | Phone: 7304314946 |

Email: p2pp007@gmail.com | LinkedIn: [profile](#) | GitHub: [profile](#)

EDUCATION

1. **Master of Computer Application, St. Francis College, Bangalore — Dec 2022 – Jan 2025**
 - CGPA: 8.58/10
 - Coursework: Data Structures, Database Systems, Cloud Computing, Network Security
2. **Bachelor of Computer Applications (Cloud Computing & Cyber Security), SJES College, Bangalore — Jun 2018 – Jul 2021**
 - CGPA: 8.57/10
 - Coursework: Computer Networks, Web Development, Ethical Hacking, Operating Systems

SKILLS

Programming: C, C++, Python, JavaScript (ES6+), TypeScript

Web & Full-Stack: HTML5, CSS3, React.js, Next.js, Node.js, Express.js, Tailwind CSS, Framer Motion

Databases: MongoDB, MySQL, SQL, Firebase Realtime Database

ML & AI: PyTorch (CUDA 11.x), OpenAI CLIP, BLIP, Hugging Face, EasyOCR

API & Backend: FastAPI, REST, GraphQL, JWT, Nodemailer, Spoonacular API

Cloud & DevOps: AWS (EC2, S3, RDS, ECS, IAM), Docker, CI/CD

Visualization: Chart.js, D3.js

Tools: Git, Linux CLI, psutil, tqdm

Security: VAPT, Network Security Fundamentals

EXPERIENCE

- Troubleshoot Linux/Windows hardware and software issues; diagnosed OS errors and network problems.
- Tutored students in C, C++, Python, Computer Networks, and Databases, improving performance.

PROJECTS

GIVcat-AI (*Python, PyTorch, CLIP, BLIP, MoviePy, EasyOCR*)

- Developed a CLI tool to scan and categorize GIFs, images, and videos into AI-driven, structured output folders, and recursive file discovery with JSON caching to skip already processed files.
- Leveraged PyTorch GPU-accelerated batch inference and CLIP for semantic classification, with EasyOCR as a fallback.
- Exposed configuration flags and detailed console logging for monitoring performance and errors.

Pcube-Portfolio (*Next.js, React, Tailwind CSS, Framer Motion, Vercel*)

- Developed a responsive portfolio site featuring animated sidebar navigation and scroll-triggered effects.
- Employed Framer Motion for parallax backgrounds, fade-in sections, and a rotating 3D cube component.
- Styled entirely with Tailwind CSS, including dark/light theme toggling via CSS variables.
- Integrated Next.js API route for contact form submission using Discord webhooks.

Plan N Prep (*MERN, Spoonacular API, Nodemailer*)

- Created a meal-planning app with MongoDB-backed inventory management and recipe database.
- Integrated Spoonacular API for recipe search & ingestion; normalized data with Mongoose schemas.
- Built calendar UI for scheduling meals; enabled drag-and-drop assignment and status tracking.
- Secured routes and data via JWT-based authentication.

MoneyMap (*React, Firebase Auth & Realtime Database, Chart.js*)

- Engineered a personal finance tracker with user authentication and real-time data sync using Firebase.
- Enabled categorization of income/expenses with date filters and dynamic reporting.
- Visualized trends through interactive Chart.js doughnut and bar charts.
- Added email verification and password recovery workflows via Firebase Auth.

Basic CRUD (*MERN, JWT, Redux Toolkit, Ant Design*)

- Developed a full-stack user management system with secure JWT authentication and role-based access.
- Utilized Redux Toolkit for predictable state management and Ant Design for UI components.
- Exposed RESTful Express.js endpoints for create/read/update/delete operations on MongoDB via Mongoose.
- Implemented form validation, error handling, and loading states for robust UX.

CERTIFICATIONS

- AWS Certified Cloud Practitioner — Amazon Web Services, Apr 2024 [[Link](#)]
- MTA: Cloud Fundamentals — Microsoft, Apr 2019 [[Link](#)]
- MTA: Networking Fundamentals — Microsoft, Oct 2019 [[Link](#)]
- Ethical Hacking Training — Internshala, Mar 2020 [[Link](#)]
- Web Development Training — Internshala, Apr 2020 [[Link](#)]

LANGUAGES

English (Fluent), Hindi (Fluent), Marathi (Fluent)