

PRIYANSHU KATIYAR

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EDUCATION

Panjab University

Bachelor of Engineering Electronics & Communication *CGPA: 8.36*

Chandigarh

2019 - 2023

WORK EXPERIENCE

BeFiSc

Backend Developer (Python)

Noida

Dec 2024 - Current

- **TamperProof - Tool for PDF Tampering Detection:** Independently designed and developed a **0-to-1** solution with complete **R&D**, owning the full lifecycle from **requirement analysis, research, implementation and testing**. Built modules for **digital signature analysis, embedded file inspection, editor identification, tampering detection, suspected text identification, and suspected page detection**. Implemented logic to highlight altered sections and generate a comprehensive forensic report, ensuring reliable document authenticity checks.
- **Bank Statement Analyzer Tool:** Designed and developed from scratch a **Python-based** tool to perform end-to-end financial analysis of bank statements across **Savings, Current, and multi-account combinations (Savings+Savings, Current+Current, Savings+Current)**. Implemented **OCR** for transaction extraction and automated categorization into **investments, loans, salary, and expenses**. Built modules for **income calculation, total liability assessment, bounced cheque detection, fraud detection, AML analysis, and financial health scoring**. Automated generation of detailed **Excel reports** with actionable insights for compliance and risk evaluation.
- **TSP module for Account Aggregator (AA) APIs:** Built a module implementing consent management, secure data fetch, and ReBIT-compliant authentication and security flows..
- **Team Leadership:** Led a team of developers, conducted code reviews, assigned tasks, and provided mentorship to ensure quality deliverables and timely completion of project milestones.

Innow8 Apps

Associate Software Developer (Python)

Mohali

Oct 2023 - Dec 2024

- **Fanfare - SaaS Based Communication & Recognition App:** Developed Fanfare, a SaaS application designed to enhance employee engagement through personalized, automated desktop messages. The application integrates with existing tech stacks to track sales data and send targeted notifications that celebrate achievements and updates, thereby boosting workplace positivity and productivity. Built using **Django Rest Framework, Node** for Salesforce Pub/Sub, **PostgreSQL, Lambda, Zappa, Stripe Payment Service, Pusher** for notifications, and **AWS**.
- **Lens Selector Tool for Zeiss:** Created a lens selector tool using **Django Rest Framework** and **PostgreSQL**. Utilized **Azure Containers** for image storage. Developed APIs for user, hospital, patients, products, analytics, and prescriptions. Implemented an algorithm for lens selection based on user spherical power, cylindrical power, and daily activities.

Innow8 Apps

Software Development Intern

Mohali

Apr 2023 - Sep 2023

- Built backend for a **Stock Market App** with secure order APIs and real-time streaming via **Paytm Money WebSocket**, and developed a **Python Automated Meeting Scheduler** using **OpenAI's language model**, reducing scheduling time by 75%.

ACCOMPLISHMENTS

- Recognized as "**Star Performer of the Year 2023**" for making significant contributions at Innow8 Apps.

SKILLS

AWS:	S3, Lambda, EC2, API Gateway, SES, Route 53, SQS, Cloudwatch, EventBridge, RDS, Step Function, RDS Proxies, IAM, VPC, Textract
Frameworks:	Django Rest, Langchain, Flask
Databases:	PostgreSQL, SQLite, MongoDB, DynamoDB
Payment Services:	Stripe, Outseta
Programming Languages:	C++, Python, SQL
Tools:	GitHub Actions (CI/CD), Linux, Jira, Postman, Swagger, GitHub