

Ashish Kumar

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WORK EXPERIENCE

Engineering intern

Aug 2025 – Current

PayU

Bangalore, India

- Designed and automated DPD (Days Past Due) file generation pipelines for DCB Bank, generating cron-based batch files containing 2.7K user records per file, ensuring timely reporting and partner compliance.
- Developed asynchronous loan closure flows using Celery task queues, improving reliability and handling background job execution safely at scale.
- Participated in on-call rotations, providing real-time production support for repayment window issues and performing root-cause analysis on critical incidents.
- Built idempotent charge-creation APIs for KSF vendor integrations, ensuring duplicate-safe transaction processing in financial workflows.
- Developed encrypted APIs for IIFL DreMaker integrations to securely exchange financial data with external systems.

SDE intern

Feb 2025 – Aug 2025

Surya FinTech

Bangalore, India

- Gained hands-on experience in React.js, SQL and django by working on real-world software development tasks.
- Contributed to the internal React component library used across multiple product teams, building reusable, configurable UI components to standardize financial workflows.
- Designed modular components with clear prop interfaces and state management patterns, improving maintainability and reducing UI duplication across applications.

Full stack development Intern

Feb 2024 – Aug 2024

Brandsmite

Bangalore, India

- Developed and deployed multiple full-stack web applications, including both frontend and backend components.
- Designed and implemented MongoDB schemas supporting CRUD operations for authentication workflows.
- Collaborated with a five-member developers team to work on authentication and authorization API

PROJECTS

Poloroid | *React Js, Tailwind CSS, Django, SQL*

Mar 2024 – Apr 2024

- Built a full-stack social platform with JWT-based authentication, REST APIs, and relational database design for user, post, and interaction models.
- Integrated AI-based content moderation using a pretrained NLP model to detect and block abusive captions during post creation.

Pixel Pry | *React, Tailwind CSS, Express.js, MongoDB*

24 May 2024 – 27 May 2024

- Developed 8 RESTful backend APIs and authentication flows using Express.js and MongoDB, implementing custom URL-based image retrieval.
- Integrated Tesseract OCR to extract and persist image metadata for searchable content storage.

EXTRACURRICULAR

NMIT Hacks

24 May 2024 – 26 May 2024

Nitte Meenakshi Institute of Technology

Bangalore, India

- Led 5-member team at NMIT Hacks 2024, building a full-stack image processing application (Pixel Pry).

EDUCATION

RNS Institute of Technology

Bangalore, India

Bachelor of Engineering in Information Science and Engineering (CGPA : 8.43)

Dec 2021 - May 2025

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript

Frameworks: Django, React, Next.js, Express.js

Databases: PostgreSQL, MySQL, MongoDB

Developer Tools: Git, VS Code, Vercel, Postman, AWS, Docker, Celery