SHAILENDER KUMAR

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Education

Dr BR Ambedkar National Institute of Technology, Jalandhar **Aug 2015 – May 2019**
B.Tech in Computer Science, CGPA: 7.1 *NIT Jalandhar, Punjab*

Experience

PayU Payments Pvt Ltd **May 2022 – Present**
Software Developer *Bangalore, Karnataka*

- Designed and implemented a configurable state machine, reducing partner onboarding time by 30% and increasing efficiency for 10+ partners.
- Managed loan repayment services for 100K+ applications, maintaining 99.9% uptime.
- Reduced latency by 15% through optimized orchestration services for authentication and messaging.

Mobileum **July 2021 – May 2022**
Software Developer *Bangalore, Karnataka*

- Developed multi-tenant discount schemes, reducing configuration errors by 25%.
- Designed and optimized a credit-debit engine handling 1M+ transactions, improving processing time by 20%.
- Created reusable code libraries, streamlining workflows and reducing development time.

Comviva **Sept 2019 – June 2021**
Associate Software Developer *Bangalore, Karnataka*

- Enhanced service response times by 40% through optimized VPN call flows.
- Worked on REST API development for billing and prepaid services.

Projects

Lending Revamp **June 2023 – Present**

- **Lending Dashboard Migration:** Migrated the Lending Dashboard to V4 APIs, optimizing latency and increasing successful loan applications by 20%.
- **Limit Renewal Flow:** Automated limit renewals with new application creation, bureau pulls, and Penny Drop initiation. Integrated NACH registration and bank updates, ensuring compliance with evolving conditions.
- **VKYC:** Led Hyperverge integration for Video KYC, ensuring compliance with RBI regulations and automating KYC verification with wrapper APIs.

Digital Lending Suite **May 2022 – Dec 2023**

- Designed and implemented a state machine to automate loan application workflows, ensuring seamless transitions between various stages such as approval, KYC, and disbursement.
- Optimized loan APIs by implementing read-write separation, improving query response time by 10x.
- Introduced batch processing and rate-limiting, reducing server load by 40%

Technical Skills

Languages: Java, SQL, Python, JavaScript, Shell Scripting.
Computer Fundamentals: Data Structures, Algorithms, OOP, DBMS, GCP, AWS.
Tech Stacks: Spring Boot, Git, Jira, Junit, Postman, Confluence.

Soft Skills

- Team Collaboration, Leadership, Client Communication, Problem Solving.

Achievements / Extracurricular

- Received the **ACE Award** in Sept 2024 at PayU.
- Received the **Thank U Award** in Jan 2024 at PayU.
- Certified **Software Engineer by Hackerrank**.
- Certified **SQL Intermediate by Hackerrank**.
- Qualified **GATE exam** in 2019.