

RAVINDRA KUMAR

Software Development Engineer | Backend Systems

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SUMMARY

Software Development Engineer with 2 years strong expertise in backend systems, payment architecture, automation, and high-scalability platforms. Proven ability to design, build, and deploy reliable financial applications, automate critical workflows in Bright Money. Skilled in Python, Django, distributed monitoring tools, and modern development frameworks. Adaptable, detail-oriented, and committed to delivering impactful engineering outcomes.

EXPERIENCE

BRIGHT MONEY

Software Development Engineer

Bengaluru, India

June 2021 – June 2023

- Built and optimized a high-throughput payment and credit processing system, reducing transaction latency by 66% using query optimization, caching strategies, and asynchronous task pipelines.
- Designed and developed CREDIT BUILDER product, enabling users to improve their credit scores at no additional cost.
- Integrated CBW Bank (USA) APIs, enabling CB product rollout across all 50 U.S. states, ensuring compliance and compatibility across banking systems.
- Improved system performance by optimizing database indexes, ORM queries, and restructuring high-load endpoints.
- Collaborated on architectural design by defining service boundaries, evaluating data models, and participating in performance & reliability reviews.

Software Development Intern

Dec 2020 – June 2021

- Built a Unified Dashboard to support the Customer Success Team, streamlining operations and improving efficiency by 90%.
- Automated backend and payment flows using Pytest, integrating test suites into Jenkins CI pipelines to improve development velocity and reduce regression defects.

Core Stack: Django, Pytest, Prometheus, AWS, Sprinkle Data

PROJECTS

1. Online Examination Portal

- Developed an online examination portal through which students can take online tests. Through this website, a teacher/company can set MCQ based question papers.
- Students can log in using username & password and can take the exam, conducted by teachers/companies.
- Implemented webcam throughout the exam for an unbiased examination of students.

Tech: JAVASCRIPT, PHP, AJAX, MYSQL, HTML, CSS, BOOTSTRAP

2. mYservice.com

- Developed an online service portal through which users can submit product-related complaints online.
- Admin can allot a Service Executive to customers for the maintenance of their products.
- Notified users via text message by sending HTTP requests to our API server to ensure prompt service delivery.

Tech: JAVASCRIPT, PHP, API, MYSQL, HTML, CSS, BOOTSTRAP

EDUCATION

Bachelor of Technology

Computer Science and Engineering

Institute of Engineering and

Technology, Lucknow, India

CGPA: 8.05/10 | 08/2017 - 05/2021

STRENGTH/SKILLS

- Core Competencies:** Data Structures & Algorithms, System Design, API Development, Automation, Microservices
- Programming:** Python, C, C++, Java, HTML, CSS
- Frameworks/Tools:** Django, Pytest, Bootstrap, Jenkins
- Databases:** MySQL, MongoDB
- DevOps / Monitoring:** Prometheus, Grafana, Alertmanager, AWS, Docker
- Operating Systems:** Linux, Windows

KEY ACHIEVEMENTS

- Solved 600+ coding Questions on different Coding Platforms including Codechef, Leetcode, Spoj, and Codeforces.
- Secured Rank 404 in Leetcode Bi-weekly Challenge among 8,575 participants.
- Qualified Round 2 of National Engineering Olympiad, ranked 59th over 7000 Participants.

CERTIFICATIONS

- Certified in Design & Analysis of Algorithm by NPTEL (Silver)
- Qualified Hackerrank Problem Solving (Basic) Skill Certification