

# Shubham Chouksey

 [GitHub](#) |  [LinkedIn](#) |  [shubham-chouksey.com](mailto:shubham-chouksey.com) |  [shubhamchouksey1998@gmail.com](mailto:shubhamchouksey1998@gmail.com)  
 +91 9479917417

## Work Experience

- |  |                  |                         |                       |
|--|------------------|-------------------------|-----------------------|
| <b>Software Engineer 2</b>   | <b>New Relic</b> | <b>Hyderabad, India</b> | August 2024 - present |
| <ul style="list-style-type: none"><li>• Led the full-stack development of the Signing and Verification API, building secure endpoints for key management and validation.</li><li>• Designed and implemented a new organization-scoped secrets capability and enhanced GraphQL and REST APIs.</li><li>• Automated the migration of New Relic alerts to a new policy using Terraform and implemented robust infrastructure with AWS (S3, KMS) and Cloudflare.</li></ul>  |                  |                         |                       |
| <b>Associate Team Lead</b>   | <b>Cognam</b>    | <b>Delhi, India</b>     | June 2023 - July 2024 |
| <ul style="list-style-type: none"><li>• Led the design and development of the backend system for a blockchain app that drives over \$1 billion in monthly revenue for a leading international payment processor.</li><li>• Managed a 6-member back-end team, overseeing sprint presentations, task allocation, and stakeholder management in an agile and scrum setting.</li><li>• Maintained a monolithic repository, ensuring clean code through reviews and adherence to design principles while collaborating with front-end developers.</li></ul>   |                  |                         |                       |
| <b>Software Engineer</b>   | <b>Cognam</b>    | <b>Delhi, India</b>     | June 2021 - May 2023  |
| <ul style="list-style-type: none"><li>• Delivered 30+ scalable APIs for new enterprise mobile applications of bank's finance system, including user registration, login, profile updates, various send money, and notifications improving the user's experience.</li><li>• Designed and implemented a block-reader system that syncs database with blockchain up to 100,000 transactions per second, providing decentralized capabilities to traditional banking systems.</li><li>• Integrated multiple third-party systems with the product, including Twilio, SendGrid, Gmail SMTP, and S3.</li><li>• Transformed the Issuer Server with machine learning, ML-powered automated user KYC, cutting manual work by 95%, and boosting operational efficiency.</li></ul> |                  |                         |                       |

## Skills

Languages	Java, C/C++, JavaScript, Python, SQL, Solidity
Frameworks	Spring, J2EE, Spring boot, Hibernate, JUnit, Unit Testing, jQuery, ReactJs, JPA
Technologies & Tools	MySQL, MongoDB, Postgres, S3, Kafka, Bootstrap, Git, Amazon web services(AWS), Docker, Selenium, TDD, Web Development, Linux, API Development, IntelliJ, NoSQL, Postman
Some More Skills	GCP, Microservices, Backend, Full-stack, Design patterns, Architecture, problem solving, CI/CD, Continuous Integration, Software Engineer, Bash, Distributed Systems, Software Developer

## Projects

- **Quiz Application:** Developed a full-stack quiz app with Java and PostgreSQL backend for daily facts and news. [Link to Website](#)
- **Clustering on Gene Expression Dataset:** Engineered 4 different clustering techniques from scratch on cancer gene expression dataset in Python. [Link to GitHub](#)
- **Terrace Farming Robot:** Designed, Analysis, Simulation, fabrication, and programmed a bronze medal-winning robot that can ascend, and descend stairs, and perform farming operations in hilly areas. [Link to GitHub](#)

## Education

2017 - 2021      B.Tech at **Indian Institute of Technology(IIT), Patna**      (GPA: 8.04/10.0)  
Relevant Coursework:    Computer science, Databases, Data Structures, ML, Algorithms, operating systems

## Awards & Achievements

- Won Bronze Medal amongst 23 IITs in DIC's Terrace Farming Challenge for hilly areas in Inter IIT Tech Meet.
- Secured 2nd position in Stage-1 and overall 16th in National Level Robocon contest and 99/100 in Stage-1 in Robocon.
- Ranked amongst the top 0.68% (amongst 1,400,000 candidates) in JEE Main 2017 and top 5.35% (amongst 2,00,000 candidates) in JEE Advanced 2017.
- Open source contribution in web3j library for Java