

Praharsh Jain

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Summary

A passionate programmer and an information security enthusiast who loves to develop efficient and robust software.

Experience

Senior Software Engineer, Backend @ [Grab](#)

8 April, 2019 – Present

- Created a rule engine and aggregation system with features like - velocity rules, backtesting, segmentation, A/B testing, rate limiting, failsafe, parallel evaluation, retry mechanism, actions rules, etc **handling 10000+ RPS** to empower Risk analysts and **keep fraud levels < 0.01%**.
- Responsible for scoping, design, implementation, code reviews, deployments, monitoring, oncall support for **4 apps across 3 stacks** with a small team.
- **Increased test coverage by 30% on 75k lines**, improved code quality, introduced sonarqube, git hooks and some best practices leading to increases team productivity.
- Built a centralized risk investigation portal **consolidating 300+ realtime data points** for ops agent workflow automation, resulting in deprecation of several external vendors, **saving close to \$1M**.
- Handled complex infra and data migration (due to compliance reasons, PII data, gateway migrations) requirements **ensuring no downtime**.
- Led agile transformation, scrum master role, **mentored team members** across multiple squads.
- Delivered several risk integrations and compliance requirements with strict deadlines enabling Grab to continue smooth business operations.

Full Stack Engineer @ [Sportskeeda \(Absolute Sports Pvt. Ltd.\)](#)

28 July, 2017 – 25 March, 2019

- Solved media industry problems by creating a revenue share platform using custom analytics, enhancing editorial workflow and personalizing user experience.
- Increased user engagement through - video platform, favourites, smart menu, related content feed.
- Suggested improvements in tech hiring process resulting in faster and better hires.
- Tech interviews, code reviews, end to end product development, testing, delivery, and support in the second largest media startup with a small engineering team.

Web Development Intern @ [Canopus Infosystems Pvt. Ltd.](#)

16 May, 2016 – 30 June, 2016

- Developed and deployed 4 live projects, converted an important client for the company.
- Worked closely with all phases of Software Development Life Cycle.

Technical Skills

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|-------------------|---|
| Programming | Golang, Java, C/C++, Python, Shell Scripting |
| Web Technologies | PHP, Node.js, JavaScript, HTML, CSS |
| Apps | Android SDK, Electron |
| Databases & Tools | MySQL, Redis, PostgreSQL, Kafka, Aerospike, Elasticsearch, Kibana |
| Others | DevOps, AWS, Git, Jenkins, Selenium, Codeception, HLS, SEO |

Education

Bachelor of **Computer Engineering** (2013-17) from [Institute of Engineering & Technology, DAVV](#)

- Built a solid foundation in Computer Science, worked on several academic and hobby projects.
- Volunteered and coordinated in events, member of IET Incubation center, CSI campus chapter.

Side Projects

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|---|--|
| github.com/praharshjain | Open source projects |
| Efficient test case generation | Research & implementation (C, Bash, gcov, Genetic Algorithm) |
| Tanglin | Scheduling app for college students (Ionic, Node.js, Socket.IO, MySQL) |
| Network File System | Setup & tested NFS in computer labs (LDAP, Autofs, Ubuntu) |
| Inspirit (inspirit.net.in) | A web portal for programmers & geeks (PHP, Bootstrap, MySQL) |
| kamlasagar.in | School website & attendance app (Android, PHP, Bootstrap, MySQL) |

Achievements

Professional

- **Received Star Performer Award** for exceeding the set expectations at Sportskeeda
- **Improved efficiency and quality of entire tech team** by introducing centralized test suite, static code analysis, schema visualization
- **Worked on diverse products** ranging from Alexa skills, video platform, custom analytics and web services to android apps, live chat, AMP and PWA

Academic

- **Ranked 3** in Regional Finals of IT quiz organised by TCS, 2010
- **Secured 6th state rank**, 11th SOF-National Cyber Olympiad, November 2011
- **Scored 48 marks out of 50** in Entrepreneurship, November 2015
- **School Topper** in multiple exams conducted by Science Olympiad Foundation

Extracurricular

- **Solved 1500+** programming problems on Hackerearth (hackerearth.com/@praharsh), Hackerrank (hackerrank.com/praharshjain), Spoj (spoj.com/users/intel_p4) etc.
- **Completed 250+** MOOC courses
- **Developed and tested** custom Roms and kernels for Android OS
- **Freelanced** during semester breaks

Areas of Interest

Information Security, Software Testing, Web & Mobile Development, Application Security

Personal Profile

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| Date of Birth | 31/03/1995 |
| Languages known | English, Hindi |
| Nationality | Indian |
| Current Location | Bengaluru, Karnataka |