Mohan Prabhakaran

M.Sc. in Computer Science at
Technical Univeristy of Munich

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Software Engineer with 5 years of experience in Backend Engineering and a history of working in the financial services industry.

WORK EXPERIENCE

Werkstudent
Rohde & Schwarz

06/2021 - Present — *Munich, Germany*

Tasks
- Implementing back-end and front-end features for the PicsPixit editor application used by Protocol Conformance testers.
- **C#, Entity Framework, Angular.**

Software Developer II
JP Morgan Chase & Co.

02/2019 - 03/2020 — *Bangalore, India*

Tasks
- Analyzed requirements and implemented backend application features for Metrics and Regulatory Report Generation necessary for examining Liquidity Risk.
- Designed and Developed Adjustments upload UI which helps users fetch LCR (Liquidity Coverage Ratio).
- Migrated applications from Java 7 to Java 8, resolved vulnerable and end-of-lifecycle dependencies.
- Achieved 75%+ test coverage for all applications.
- **JAVA, Spring Boot, Spring Data JPA, MySQL, AWS, ReactJS, Jenkins, Junit5, Mockito.**

Software Developer I
JP Morgan Chase & Co.

07/2016 - 02/2019 — *Bangalore, India*

Tasks
- Migrated Adjustments processing app (a monolithic architecture-based application) to microservice architecture.
- Collaborated in an international team-based, Agile environment to implement backend features adhering to SOLID and KISS design principles.
- Took initiative in demonstrating Test automation using BDD methodolgy, implemented proof of concepts, and tested on existing applications.
- **JAVA, Spring Boot, Microservices, Spring Cloud, MySQL, AWS, Jenkins, Selenium, Cucumber.**

EDUCATION

M.Sc. in Informatiks
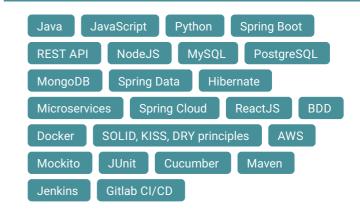Technical University of Munich

04/2020 - Present — *Munich, Germany* — *GPA: 1.8*

Bachelor of Engineering in Computer Science
Bangalore Institute of Technology

07/2012 - 04/2016 — *Bangalore, India* — *GPA: 2.0*

SKILLS

Java JavaScript Python Spring Boot REST API NodeJS MySQL PostgreSQL MongoDB Spring Data Hibernate Microservices Spring Cloud ReactJS BDD Docker SOLID, KISS, DRY principles AWS Mockito JUnit Cucumber Maven Jenkins Gitlab CI/CD

PROJECTS

Implemented a DHL pick-up station(Microservice Architecture Style) (09/2021 - 02/2022)
- End-to-end hardware and software implementation of DHL pick up station systems (Team of 4).
- **Raspberry Pi, Spring boot , ReactJs, MongoDB, AWS, Gitlab CI/CD.**

IMERO Support Chat App (09/2021 - 02/2022)
- Developed support chat web application for Imero (startup which digitizes products).
- **SocketIO, NodeJS, expressJS, React.**

TutorMe: 1-1 tutoring platform tailored to your university curriculum (05/2021 - 08/2021)
- A web App based on C2C brokerage platform that allows private tutors to connect with potential students.
- **Spring Boot, ReactJS, MongoDb, AWS.**

Shopping Analytics (07/2015 - 01/2016)
- Enhanced users' offline shopping experience through iBeacon IOT technology.
- **iBeacons(Low energy Bluetooth sensors), Spring, ReactJS, GCP.**

ACHIEVEMENTS

Featured in JP Morgan's Quarterly Magazine (2019)
For delivering critical business requirements on time.

Finalists in JP Morgan's Hackathon (2018)
Among 30 competing teams spanning different countries.

Recipient of JP Morgan's Excellence award (2017)
Awarded by Ms. Melissa Goldman (Managing Director -CIO JP Morgan) for my initiative towards BDD.

Best Project of the year award (2016)
Awarded for the Final Year Bachelors project 'Shopping Analytics'.