Mohan Prabhakaran

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

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München, Germany 📍

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Software Engineer with 5 years of experience in developing robust code for High-volume businesses

WORK EXPERIENCE

Werkstudent
Rohde & Schwarz

06/2021 - Present   *Munich, Germany*

Achievements/Tasks
- Implement 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*

Achievements/Tasks
- Analyzed requirements and implemented backend applications 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*

Achievements/Tasks
- Migrated Adjustments processing app (a monolithic architecture-based application) to microservice architecture.
- Collaborated in an international team-based, Agile environment to accomplish objectives by the deadline.
- Implemented Proof of concepts on Test Automation using TDD and BDD.
- **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*

Bachelor of Engineering in Computer Science
Bangalore Institute of Technology

07/2012 - 04/2016   *Bangalore, india*

SKILLS

Java · JavaScript · Python · Spring Boot · REST API · NodeJS · MySQL · MongoDB · Spring Data · Hibernate · Microservices · Spring Cloud · ReactJS · SOLID design · BDD · Docker · 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 my initiative towards the use of TDD & BDD across firm.

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

Recipient of JP Morgan Excellence award (2017)
Awarded by Managing Director-CIO, Ms. Melissa Goldman.

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