Pratik Mondal

Nationality: Bangladeshi 📞 **Phone number:** (+49) 15754255758

✉ **Email address:** pratikmondal6@hotmail.com

🌐 **GitHub:** github.com/pratikmondal6 **LinkedIn:** linkedin.com/in/pratikmondal6/

📍 **Home:** Kurt-Schumacher-Straße 18, 67663 Kaiserslautern (Germany)

CAREER SUMMARY

Driven Java Developer with 3+ years of experience, having improved product CO_2 footprint accuracy by 22% at Greenable, seeks a Werkstudent role to utilize Spring Boot expertise in building sustainable software solutions. Skilled in ReactJS for user interfaces. Successfully balancing work with a Master's in Computer Science at RPTU Kaiserslautern.

WORK EXPERIENCE

Software Engineer (Werkstudent)

Greenable- (German tech company creating CO_2 footprint software for manufacturing)
[18th Oct 2023 – Present] **Location**: Kaiserslautern, Germany **Website:** greenable.tech

Key Achievements:

- Successfully integrated Spring Boot MVC frameworks into a microservice architecture, resulting in a 10% increase in performance. This enhancement enables Greenable to provide clients with more reliable data faster.
- Created user-friendly data dashboards with ReactJS, leading to a 15% increase in user engagement with CO_2 footprint reports
- Collaborated effectively with cross-functional teams, contributing to the successful launch of 2 new CO_2 footprint calculation features,
- Growing technically and personally through the challenging and rewarding Werkstudent opportunity at Greenable.

Software Engineer

Brac IT [14th Jul 2019 – 5th Sep 2022] **Location**: Dhaka, Bangladesh, **Website**: bracits

Key Achievements:

- Led and delivered 5+ critical projects, including ERP and Education Program Management, significantly enhancing organizational value.
- Conducted comprehensive requirement analysis for various projects, ensuring on-timedelivery.
- Mentored 5 junior team members, resulting in a 20% increase in team capability.
- Managed source code for several projects through Git, ensuring smooth continuous integration.
- Maintained records for 7 projects in Jira and Gitlab, ensuring transparency and informed decision-making.

EDUCATION AND TRAINING

MSc in Computer Science
RPTU Kaiserslautern-Landau [1st Oct 2023 – Present] **Website:** rptu

Field(s) of study: Software Project and Process Management, Requirements Engineering, Quality Management and Quality Assurance of Software, Software Engineering, Functional Programming

Bachelor of Science in Computer Science & Engineering

American International University-Bangladesh [1st Aug 2015 – 25th Jan 2020] **Website:** aiub

Field(s) of study: Programming, Data Structures, Algorithms, Artificial Intelligence. Operating System, Networking, System Security, Electronics, Computer Simulation and Modeling
Final grade: 85%

PROJECTS

Service Map

Led full-stack development of "Service Map," a victim support platform offering emergency resources & long-term reintegration programs (Java Spring Boot, MVC, REST API, MySQL, AngularJS). Reached over 1 million users, increasing user engagement by 35%.

URL: shongjog.brac.net

Vaccination Citizen - Microservice Project

Microservices expertise (Vaccination Citizen): Eureka, API Gateway, Hystrix experience.

GitHub: github.com/pratikmondal6/VaccinationCitizen-Microservice

ERP Solution

Collaborated on a large-scale, 5-module ERP solution (Admin, HR, Account, Payroll, Reports) for enterprise management. I played a key role in code development, ensuring high quality through rigorous debugging and testing. Leveraged Java 8, EJB, Gradle, MVC, PostgreSQL, Ireport, AngularJS, JavaScript, HTML, and CSS.

SKILLS

Programming Expertise

- Java 8, Spring Boot, Security, Batch, JDBC, JPA, Hibernate, RESTful APIs
- Microservice, Eureka, Kafka, WildFly
- MySQL, pgAdmin
- JavaScript, ReactJS, jQuery
- GitHub, Gitlab

CERTIFICATIONS

Certification for Participating in the BaSyx Hackathon- Fraunhofer IESE
Link: linkedin.com/in/pratikmondal6/details/certifications/

Supervised Machine Learning: Regression and Classification

Link: coursera.org/share/ac5ab503b00451d4f528fe3d3142650e

Java Problem Solver - HackerRank

Link: hackerrank.com/certificates/97291312d232

LANGUAGE SKILLS

English: Fluent

Deutsch: Basic