

# Ali Darijani

+49 XXX XXX XX XXX   [e-mail](#)   [linkedin](#)   [github](#)   Aachen, Germany

## Experience

### RWTH Aachen

Oct 2022 – Oct 2023

*Master Thesis*

*Aachen, Germany*

- Implemented microservices architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.
- Led a cross-functional team in implementing a new feature using React and Redux, resulting in a 20% increase in user engagement within the first month.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

### Company Name 2

May 20XX – Aug 20XX

*Software Engineer Intern*

*City, State*

- Designed and implemented responsive user interfaces with Angular, leading to a 15% improvement in user satisfaction scores.
- Introduced automated testing processes with Jest and Enzyme, increasing test coverage by 30% and reducing post-release defects by 25%.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.

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## Technical Skills

**Languages:** Rust, Kotlin, Swift, Go, Scala, TypeScript, R, Perl, Haskell, Groovy, Julia, Dart

**Technologies:** React.js, Angular, Vue.js, Django, Flask, Ruby on Rails, Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap, Laravel, Flask, ASP.NET, Node.js, Electron, Android SDK, iOS SDK, Symfony

**Concepts:** Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing

## Education

### RWTH Aachen

Oct - 2023

*MSc in Simulation Sciences (GPA - 1.9)*

*Aachen, Germany*

- **Focus:** Mathematical Methods in Signal and Image Processing

### Sharif Tech

Oct - 2016

*BSc in Mechanical Engineering (GPA - 2.2)*

*Tehran, Iran*

- **Focus:** Numerical Methods