

DIVYASHREE SREENIVASA

MSc Software Systems Engineering @ RWTH Aachen | Software Developer

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Languages: English (C1) | German (A2)

[LinkedIn](#)



SUMMARY

I am a motivated master's student with 3+ years of software development experience seeking to leverage my technical and analytical skills to create cutting-edge products on the web.

EDUCATION

- | | |
|-------------------|---|
| 10/2023 - 2025 | MSc Software Systems Engineering RWTH Aachen 1.8 (German Grade)
Introduction to Data Science, Implementation of Databases, Data Stream Management and Analysis, Software Architectures |
| 07/2019 - 06/2020 | PG Diploma in Liberal Studies Young India Fellowship, Ashoka University |
| 07/2011 - 05/2015 | B.Tech, Information Technology NITK Surathkal 8.76/10 CGPA (1.62 German Grade) |

PROFESSIONAL EXPERIENCE

- | | |
|-------------------|--|
| 02/2023 - Present | Student Assistant <i>RWTH Aachen (Databases and Information Systems Group)</i> <ul style="list-style-type: none">Developing a distributed stream processing on the edge architecture called GALOIS using Rust and Web Assembly. |
| 06/2022 - 08/2023 | Web Developer <i>Lio (Swific Technologies Pvt Ltd)</i> <ul style="list-style-type: none">Developed and improved UI performance in React.js for features like dashboards, editors, tasks, templates, automation, marketing campaigns.Implemented cloud functions, and distributed document structure for scalability using Firebase for the backend.Awarded Key Contributor for quickly ramping up, developing, and releasing features efficiently. |
| 09/2020 - 03/2023 | Freelance Consultant <ul style="list-style-type: none">Developed e-commerce website solutions for clients on Shopify, which increased their conversion rate. Brought designs on Adobe XD to life. Example work: Poppy and Pout, Sweetleigh. |

- Built websites and landing pages on **Webflow**. Example: [The high-end web designer](#)
- Set up and **automated the backend systems operations** for enrolling students.
- Increased conversion rates by executing Facebook ad campaigns and email marketing.

06/2017 - 06/2019 During this break, I have travelled, read, volunteered to teach English to kids in shelter homes, and did part-time jobs in tutoring, and content writing.

08/2015 - 05/2017 **Software Engineer** | *Cisco Systems India Pvt Ltd, Bangalore*

- As part of the GET-VPN team, designed and implemented scalable features for a **secure overlay network**.
- Integrated **Cassandra database** with the key servers to provide persistent storage.
- **Implemented protocol features** by encoding and decoding packets as defined by RFCs
- Ported the Cisco IOS code to Linux.
- Performed functional testing of 5k+ LOC of new features.

05/2014 - 07/2014 **Business Analyst Intern** | *JPMorgan Chase & Co.*

- **Reduced the turnaround time of resolving client issues** with a tool to generate **summarized log reports**.
- Performed CRUD operations on the order management system for the trade application.

SKILLS

Libraries/ languages/ technologies: Python, Java, Javascript ES6+/ECMAScript, REST APIs, react, redux, SQL, node.js, C, HTML5/CSS3, Bootstrap, SCSS, git, Shopify liquid

Broad functions: Frontend development, backend development, algorithms and data structures, data analysis.

Soft skills: Communication, empathy, team player, time management

MISCELLANEOUS

06/2020 Data Analyst with Python Track Certificate: Career Track on Data Camp with 16 courses. Certificate #158568

2018-2019 Make A Difference volunteer: Taught English to kids in shelter homes.

2016 Connected Recognition at Cisco: Improved the quality of solutions by extensive testing and uncovering critical bugs



Divyashree Sreenivasa

Aachen, January 20, 2025.