

# Peramanthan Sathyamoorthy


## Curriculum Vitae

### Summary

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**Senior Software Engineer** with over 8 years of experience in *building* scalable web applications and *leading* development teams. Holds **Master's degrees** in **Computer Science** and **Operations Research**, providing a strong foundation in both theoretical and applied aspects of technology and optimization. Proven expertise in **JavaScript**, **TypeScript**, **React.js**. Demonstrated leadership in integrating innovative solutions and driving efficiency in startup environments. Experienced educator with a passion for mentoring and fostering innovation through technology.

### Recent Relevant Recorded Experiences

Apr 2017 - Dec 2024 (7 years 9 months) **Senior Software Engineer (23 months) ↑ Engineering Team Lead (14 months) ↑ Full Stack Integration Engineer (30 months) ↑ JavaScript Developer(22 months)**, *Onflow AB, Digital Signature and Contract Management Platform*, Stockholm 

**Main** JavaScript, TypeScript, Connexion, Reactjs, Jest, Enzyme, Testing-library, Playwright

**Others** MySQL, Express.js, Flask, Python, Backbone.js, Marionette, Webpack, Grunt.js

Jan 2016 - Mar 2017 (1 year 3 months) **Full Stack Developer**, *Weavler AB, An accessible e-commerce platform for artisans with 1.6M SEK PTS grant 2015*, Stockholm 

**Main** JavaScript, Express.js, Reactjs, Alt.js, Accessibility, SSR, Babel Plugin(OSS)

### Top Development skills at **Work**

Development **Git, JavaScript, TypeScript, Reactjs, Redux, Alt.js, MongoDB, AWS, Bamboo(CI/CD)**

Practices **Agile, TTD, BDD, E2E, Pair/Mob Programming and testing**

Soft Skills **Leadership, Team Building, Mentorship, Cross-Team Collaboration, Strategic Epic Planning, Problem-Solving, Communication, Creative Thinking**

### Recent Certifications and Courses (September 2024 - Present)

Terraform **HashiCorp Terraform Associate Exam Cram [O'Reilly Live Event] 2 days Live Course**

Langchainjs **LangChain Chat with Your Data**

Langchain.js **Build LLM Apps with LangChain.js**

### Occasionally Used and Familiar Technologies

AGI & Infra **New** **LangChainjs, LLMs, Terraform, AWS SageMaker and AWS Bedrock**

Workflow **Graphite(Stacking PRs)**

Fullstack **Remix, Nextjs, Astro, Solid-start**

Languages **C, C++, Java, R, Erlang, Rust, Elixir**

Data Science & ML **R, Python, NumPy, Panda, Scikit-learn**

Front-End tools **Esbuild, Vitejs**

API Frameworks **Django, Flask, Eve**

Databases **MySQL, Postgres, MongoDB**

Deployment **AWS(EC2, S3, IAM, ELB), Heroku, Netlify, Vercel, Fly.io**

Miscellaneous **Data Visualization, KPI Implementation, SEO Optimization, Accessibility Compliance, Speech Recognition, Chat Bot Development**

Stockholm, Sweden

☎ +46 737 641 917 • ✉ [sathyam.peram@gmail.com](mailto:sathyam.peram@gmail.com)