

Peramanthan Sathyamoorthy


Curriculum Vitae

Summary

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Senior Software Engineer and naturalized **Swedish** citizen of **Indian** origin with over *9 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 (24 months) ↑ Engineering Team Lead (15 months) ↑ Full Stack Integration Engineer (31 months) ↑ JavaScript Developer(23 months)**, *Oneflow 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 Software Engineering 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

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Open Source Contributions

Jan 2017 - Feb 2017 **Babel Plugin: FormatJS compatible react-intl translation hint modules generator**

Internships

Jul 2015 - Sep 2015 **Software Engineer Intern (Summer Project)**, *Bumbee Labs*, Stockholm 🇸🇪
(3 months) **Main** MongoDB, AngularJS, Python, Heroku, Laravel (PHP), System Monitoring

Publications

- 2017 **Profiling Energy Efficiency and Data Communications for Mobile Internet of Things**
- 2015 **Energy Efficiency as a Orchestration Service for the Mobile Internet of Things**

Education

- 2010 - 2016 **Master of Science in Computer Science**, *Uppsala University*, 🇸🇪, Grade: 3.92/5
Thesis: **Enabling Energy-Efficient Data Communication with Participatory Sensing and Mobile Cloud**, *Cloud-assisted Crowd-sourced Data-driven Optimization*
- 2007 - 2009 **Master of Science in Operations Research and Computer Applications**, *National Institute of Technology*, Tiruchirappalli, Tamilnadu, 🇮🇳, Grade: 8.08/10
- 2004 - 2007 **Bachelor of Science in Mathematics**, *Kadhir Mohideen College*, Affiliated to Tiruchirappalli Bharathidasan University, Adirampattinam, Thanjavur, Tamilnadu 🇮🇳, Grade: 74.09 %

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