

# Murali Elumalai

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## Software Engineer

Eli Lilly and Company, Bangalore.  
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With over half a decade of industry experience, I am deeply passionate about software engineering, taking immense satisfaction in crafting products from conception to completion.

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## Skills

**Frameworks:** React.js, Angular, Flutter, Node.js, Flask, Spring boot.

**Databases:** Postgres, MongoDB, Firebase, DynamoDB.

**Version Control:** Git.

**Management tools:** JIRA, Trello.

**Languages:** Python, YAML, Typescript, Javascript, Dart.

**Cloud Services:** GCP, AWS.

**Practicing Data structures and Algorithms throughout.**

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## Experience

### Eli Lilly and Company / Senior Software Engineer

Nov 2022- Present, Bangalore.

- Serverless Api Design and Microservices
- AWS Infra creation and Automation using Cloudformation
- Built internal products for Lilly with Next.js

### JP Morgan and Chase / Full Stack developer

Nov 2019 - Nov 2022, Bangalore.

- Developed and Implemented **micro frontend architecture** with angular and react combined using single-spa and module federation, creating supporting rest api in **spring boot java**.
- Created business related modules as Full stack in **angular** and created and integrated api in spring boot that supports the module. Worked on d3.js for complex data visualization.
- Improved loading time for existing applications by 3x by migrating webpack and angular.

### **ARInspect / Full Stack developer**

Jan 2019 - Nov 2019, Bangalore.

- Created microservices architecture using NodeJs and Python, with hands-on experience in Postgres, AWS and Jenkins.
- Created multiple microservices in nodejs with docker support.

### **Sri Barati Infotech / Software developer**

March 2018 - Jan 2019, Mylapore, Chennai.

- Developed MEAN stack applications
- Created Continuous integration and deployment pipeline using circle ci for deploying services in Google cloud VM.

### **Parinama academy/ Software developer**

August 2017 - February 2018.

- Learned Google cloud functions and Amazon Lambda functions with Firebase and DynamoDB.

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## **Education**

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### **Dhanalakshmi Srinivasan College of Engineering & Technology/ B.E ECE**

2013 - 2017, Mamallapuram

### **Vivekanandha Higher Secondary School / Higher Secondary**

2011 - 2013, Pondicherry

### **St. Mary's Matriculation School / High School**

2010 - 2011, Kadapakkam