NILAVAN S
Software Developer

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LinkedIn Profile
LeetCode Profile
Github Profile

EDUCATION

B.Tech, Information Technology, St. Joseph's College Of Engineering, Affiliated with Anna University, 8.47 CGPA **Jun 2018 — Jun 2022**

Higher Secondary, Velammal Matric Hr Sec School (India), 93.1 percentage **Apr 2017 — Apr 2018**

Higher School, Velammal Matric Hr Sec School (India), 94.6 percentage **Apr 2015 — Apr 2016**

EXPERIENCE

CogentSoft Systems - SDE, Chennai (India) **Oct 2022 — Dec, 2023**

- Part of fulfillment team at Samsung Electronic, E-commerce, USA.
- Worked on migrating omnichannel functionalities into a microservices architecture, resulting in a **75 percentage** improvement in system response time and scalability. Improved fault isolation, making it easier to troubleshoot and maintain the omnichannel functionality independently.
- Successfully implemented the replacement feature, reducing the time required for customers to initiate and complete replacement requests. Improved the overall customer satisfaction score by **57 percentage** through the introduction of a transparent and easy-to-use replacement process.

Zoho Corp - Project Trainee, Chennai (India) **Mar 2022 — Aug 2022**

- I created a backend and frontend web interface for the school information system. This system allows teachers to add exams for specific subjects, and students can take those exams at designated times, enabling teachers to track student performance. Implementing these features reduces the time spent manually checking each student's performance by an average of **15 minutes** .
- Involved in the development of web application that display the access control list of directory or file in the system.

PROJECTS

Farm Attic (Team Project) **Jan 2022 — Feb 2022**

- Technologies: ReactJS, NodeJS, PostgresSQL, Kibana.
- It is a e-commerce website designed to help farmers to sell their goods directly to consumers, cutting out the middleman and ensuring fair prices for both parties.

Nostalgic Memory (Self Learning Project) **Jan 2022 — Feb 2022**

- Technologies: ReactJS, NodeJS, MongoDB, ExpressJS
- A user interactive website similar to Facebook allows authorized users to post their sweet memories or experiences, edit and delete posts, and also allows posts to be liked by other users. It uses Node.js, MongoDB, and Express for the back-end and React.js for the front-end.

Visual Digit Classifier (Team Project) **Jun 2021 — Aug 2021**

- Technologies: ReactJS, Django
- A web app that identifies the digit drawn on the screen using a dataset called MNIST, which helps predict digits from 0 to 9. The identified digit is then displayed to the user in audio format.

SKILLS

Programming Languages	Java, Python
Web Development/Frameworks	HTML, CSS, JavaScript, ReactJS
Databases	MySQL, Postgres, CockroachDB
Others	RabbitMQ, Redis, Kibana, Data Structures and Algorithms, Object-oriented programming(oops).

CERTIFICATION

- **HTML, CSS, JS for Web development** - Johns Hopkins University
- **Front-End Web Development with React** - Hong Kong University for Science and Technology

LANGUAGE KNOWN

- **English** - Professional working proficiency
- **Tamil** - Native or bilingual proficiency