# Adithya Pai B

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## EDUCATION

- **M.Tech in Computer Networking** — Manipal, India
  *(Manipal Academy of Higher Education; Manipal Institute of Technology);* — *August 2023 - June 2025*

- **B.E in Computer Engineering** — Mangalore, India
  *(Affl. Visvesvaraya Technological University; Canara Engineering College); GPA: 8.31/10* — *August 2019 - June 2023*

- **St. Aloysius Pre-University College** — Mangalore, India
  *(Karnataka Board of Secondary Education); 84.5%* — *May 2017 - March 2019*

- **St. Aloysius English Medium School** — Mangalore, India
  *(Karnataka Secondary Education Examination Board); 86.88%* — *April 2017*

## PROGRAMMING SKILLS

- **Languages**: C, C++, Python, Java, Golang, JavaScript, SQL, BASH
- **Technologies and Frameworks**: Linux, Serverless, AWS, GCP, Azure, Kubernetes, Docker, Git, OCI
- **BackEnd**: NodeJs, DenoJS, TypeScript, GoFiber, Express, Gin, MongoDB, Redis, Selenium, SQLite, REST
- **FrontEnd**: React, Angular, NextJs, Bootstrap, Tailwind, SASS, HTML, CSS, Figma, Adobe PhotoShop, XD

## PROJECTS

- **lenk.cf** lenk.cf is a URL Shortener made using NodeJS, MongoDB, and Vercel serverless function. This project also includes a serverless API. With the help of this API, we can integrate the URL shortener with basic static (HTML/CSS/JS ) websites.

- **NextFolio** NextFolio is a horizontally scroll-able portfolio website for developers who want to showcase their skills. The site is built with ease of usability and performance in mind, using NextJs and SCSS for extreme performance. This is easy to fork and edit so that anyone, with basic programming skills, can easily edit and deploy the site themselves.

- **codeSH** codeSH is a code-sharing platform built using vercel serverless function, NodeJS, MongoDB, mongoose, and express. CodeSh opens the doors to all developers. You can create a link, you can enter the random link, or create your own custom link as per your requirement.

- **A Kernel Built using C** An attempt to understand the concepts of UNIX and OS by building a a simple Hello World Kernel Using C Language.

- **A CI/CD Pipeline with Jenkins** This CI/CD project uses Jenkins to build and deploy a Docker container via Git repository. Jenkins automatically triggers builds on new commits, builds the Docker image, pushes it to a registry, then deploys to a target environment. Additional steps such as automated testing can be added.

- **Portfolio** A portfolio website made using vanilla HTML, CSS and JS. The animation in the site were made using Threejs and this follows the Neomorphic design pattern

## CERTIFICATIONS

- **Google Cloud Associate Cloud Engineer Certification** by Google Cloud Platform.
- **Nutanix Certified Associate Certification** by Nutanix.
- **AWS** Certified Cloud Practitioner
- **Google Cloud Digital Leader Certified** by Google Cloud Platform.
- **Microsoft Azure Fundamentals AZ-900** by Microsoft Azure.
- Coursera certified Architecting with **Google Compute Engine** by Google.
- **Diploma in Python** by **Manipal Institute of Computer Education**
- **Diploma in C Programming** by **Manipal Institute of Computer Education**
- Coursera certified **IT Support Specialization** by Google.

## Achievement/Leadership Experience

- **Best Outgoing Student - CSE -** Canara Engineering College Mangalore, 2023
- **Technical Club - Chairperson -** Canara Engineering College Mangalore, 2022
- **Secretary Student Council -** (419/964 votes) Canara Engineering College Mangalore, 2022
- **Class representative -** Canara Engineering College Mangalore, 2021-2023.
- **Conducted Workshop On Git/GitHub and Open-source -** IEEE, Canara Engineering College Mangalore, 2022