

# Pavan Kalamkar

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## Technical Skills

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**Programming Languages:** C, C++, Java, Javascript, SQL, Python

**Web Stack:** HTML5, CSS, Javascript, React JS, Node Js, Bootstrap, Tailwind CSS

**Databases:** MySQL, NoSQL

**Cloud:** Amazon Web Services (AWS), Docker, Kubernetes

**Version Control:** Git, GitHub

**Core Subjects:** Data Structure and Algorithm, Operating System, Networking, DBMS

## Experience

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### PHN Technology

Apr 2023 – Jun 2023

Software Engineer Intern - Data Analytics, Python, Pandas, NumPy

Pune, Maharashtra

- Processed a dataset of 1000 rows and 12 columns, performing calculations such as mean, standard deviation, and correlations using **Pandas** and **NumPy**.
- Imported data from a 2MB Excel spreadsheet and a 100KB CSV file. Employed Pandas for data cleaning and manipulation, and then used NumPy for **statistical analysis**.
- Utilized **Jupyter Notebook** with Pandas to analyze a Excel dataset containing 5,000 customer records, performing data cleaning, exploratory data analysis, and generating visualizations.

### BitPills IT Solutions & Consultancy

Aug 2022 – Sep 2022

Java Development Intern - Java, MySQL, Servlets, Hibernate, Javascript, AWS

Khamgaon, Maharashtra

- Developed and implemented a set of Java servlets and JSPs that resulted in a **15%** reduction in page load times and **20%** increase in server throughput for the web application..
- Successfully collaborated with an **MySQL** database, employing **SQL** to optimize data queries for the e-commerce system, leading to a **25%** reduction in average query response time and improved website performance for online shoppers..
- Successfully developed and maintained an e-commerce platform using **Java** for robust server-side functionalities and **JavaScript** for a user-friendly and engaging frontend, and **AWS** for cloud.

## Projects

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### Digital Image Steganography | Java, Android Studio, XML,

Github

- Developed an Android application for digital image steganography using Java and Android Studio, enabling text or image encryption within cover images.
- Users will be able to encrypt or decrypt text or images within an image, for secure communication.
- Facilitated easy sharing of encrypted images via email, Bluetooth, and quick share options.

### EasyNotes | ReactJs, NodeJs, Javascript, Express Js, HTML, CSS, MongoDB

Github

- Enabled users with specified accounts to create, edit, manage, and view their own notes
- Developed **Rest APIs** for user registration, login, and user profile management, incorporating various **CRUD** operations for enhanced user experience.
- Users can create, update, and delete their notes and can also view all notes on their account.

## Education

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Sant Gadge Baba Amravati University, Amravati

July 2022 - June 2025

**BE : Computer Science And Engineering**

**CGPA: 8.4**

Government Polytechnic, Khamgaon

July 2019 – May 2022

**Diploma : Computer Science And Engineering**

**80.63%**

Nutan Vidyalaya, Malkapur

2019

**SSC**

**87.20%**