

# Bhavesh Mishra

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## About Me

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A passionate and detail-oriented Java developer with a strong foundation in object-oriented programming and a keen interest in building efficient, scalable applications. Experienced in web development during a .NET internship and continuously expanding expertise in open-source tools and frameworks.

## Education

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### Bachelor of Science in Information Technology Honours (BSc. IT. hons.)

Somaiya Vidyavihar University

Sep 2021 - Apr 2024

Grade: 8.36 CGPA

### HSC in Computer Science

Priti Academy College

Aug 2020 - Mar 2021

Grade: 73.50%

## Experience

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### Web Development Intern

Prometheus Solutions

May 2023 - Jul 2023

- Developed responsive web applications using the .NET framework, ensuring cross-device compatibility.
- Collaborated closely with a team of developers, designers, and project managers to enhance application features.
- Contributed to debugging, code reviews, and the implementation of new features.
- Conducted both manual and automated testing to identify and resolve defects effectively.
- Assisted in creating fast and efficient SQL queries and their corresponding stored procedures.

## Projects

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### Uber Clone - Tkuzu - Kotlin, Firebase, Google Maps API

- Developed a full-featured Uber clone app using Kotlin, focusing on driver and passenger interfaces.
- Implemented real-time location tracking, ride requests, and fare estimation algorithms.
- Integrated a backend with Firebase for real-time updates, push notifications, and user authentication.
- Designed an interactive map for ride tracking and navigation, optimizing user experience.
- GitHub Repo

### Cloud-Based File Storage System - AWS S3, React, Node.js, JavaScript, CSS

- Designed and implemented a cloud-based file storage system using AWS S3 for data storage and management.
- Built a secure user interface for file upload, download, and sharing with access control features.
- Ensured efficient data transfer and storage management using Amazon S3 lifecycle policies.
- GitHub Repo

### Customer Segmentation using K-Means Clustering - Python, Pandas, Scikit-Learn, Matplotlib, Seaborn

- Conducted a project to segment customers based on purchasing behavior using K-Means clustering in Python.
- Analyzed large datasets to identify patterns and trends, allowing targeted marketing strategies.
- Implemented data preprocessing techniques, feature scaling, and clustering algorithms to enhance accuracy.
- Utilized visualization tools like Matplotlib and Seaborn for insights into customer segments and preferences.
- GitHub Repo

## Skills

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**Programming Languages:** Java, Kotlin, Python

**Frameworks:** Spring, Spring Boot, Astro

**Databases:** MySQL, PostgreSQL, MongoDB

**Developer Tools:** Git, GitHub, Vercel, Docker, Firebase, AWS, Neovim

**Libraries:** React, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

**Operating Systems:** Fedora, Ubuntu, Arch