

# MAYUR PRAVIN JOSHI

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## Experience

### Bharati Vidyapeeth (In-house Internship)

Full Stack Developer Intern & Team Lead

Kharghar, Navi Mumbai

11/2024-01/2025

Bharati Vidyapeeth is a renowned educational institution focusing on academic excellence and innovation.

- Led a team to build a **College Complaint Portal** (React + Firebase) for grievance submission and resolution.
- Developed student/admin dashboards for real-time tracking and complaint management.
- Enhanced transparency, accountability, and efficiency in handling student concerns.

Link: [Github](#)

## Projects

### F1 Grand Prix Decoded | July 2025 | [Grand prix decoded](#)

Developed a comprehensive React + TypeScript web application aimed at educating beginner Formula 1 fans through an interactive, data-rich platform.

- Built intuitive UI explaining F1 rules, penalties, and key concepts (DRS, pit stops, safety car, tire strategies).
- Developed simulations, live race calendar, and team/driver profiles with historical circuit data.
- Used Firebase for backend and real-time updates; enhanced UX with Radix UI & Framer Motion.

### AI Health Consultant | Mar 2025 | [Github](#)

Developed a cross-platform mobile application leveraging AI for medicine scanning, disease detection, and doctor consultations.

- Integrated Gemini API for real-time health analysis & recommendations. Built with React Native + Firebase (auth, Firestore, storage).
- Added doctor discovery & emergency support with Google Maps APIs.
- Delivered multi-language UI for accessibility.

### F1 Telemetry | Sep 2024 | [F1 Telemetry](#)

Created an application to analyze Formula 1 telemetry data for better understanding of racing dynamics.

- Designed a Python-based application to provide Formula 1 enthusiasts with detailed telemetry data.
- Enabled users to explore driver performance by selecting specifics like year, race, and driver.
- Facilitated comparative analysis of two drivers, offering insights into performance aspects.

## Education

### Bharati Vidyapeeth (Deemed To Be University) DMS, India

Bachelors Of Computer Application | CGPA: 8.31

2022-2025

## Skills

**Frontend:** JavaScript (ES6+), React.js, TypeScript, Redux, HTML5, CSS3, Tailwind CSS, Responsive Design

**Backend & Database:** Node.js, Authentication (JWT, OAuth), MySQL, Firebase Firestore, Firebase Auth, Firebase Hosting

**Programming Languages:** Python (Matplotlib, Pandas, NumPy), Java, C, C#

**Tools & Platforms:** Git, Github, Figma, Framer, Advanced Excel

## Achievements

- Achieved **1st place** in the **Internal College Hackathon**, recognized for innovative problem-solving and team collaboration.
- Secured **2nd place** in the **SIP (Summer Internship Project) Competition** at Bharati Vidyapeeth.