Pratik Kishor Paithankar

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Pune, Maharashtra, India

PROFESSIONAL SUMMARY

Skilled and results-driven Full-Stack Developer with **3+ years** of experience in **web development**, **Android application development**, and **AI/ML projects**. Delivered **10+ production-grade solutions** using technologies like **Java/Spring Boot**, **MERN Stack**, and **R**, achieving **95%+ model accuracy** and supporting **500+ concurrent users**. Successfully reduced development time by **40%** and improved application performance by **50%** across multiple projects. Proficient in **JavaScript**, **Node.js**, **Express.js**, **MongoDB**, and **cloud deployment** (AWS, Firebase). Passionate about building scalable, user-focused applications and exploring opportunities in **full-stack development**, **AI engineering**, or **software development**.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, Java, C/C++, SQL, HTML5, CSS3
Web Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML5, CSS3, REST APIs, Spring Boot
AI/ML Technologies: NLP (NLTK), scikit-learn, Pandas, NumPy, R Programming
Database Management: MongoDB, MySQL, SQL, Firebase, Firestore
Cloud & DevOps: AWS, Heroku, Git, GitHub, Docker, CI/CD, Firebase Hosting
Mobile Development: Android Studio, Firebase Authentication, Razorpay Integration
Development Tools: VS Code, Jupyter Notebook, Postman, Git, GitHub, Linux, Android Studio, IntelliJ IDEA
Soft Skills: Problem-solving, Team collaboration, Time management, Effective communication, Agile methodology

EDUCATION

Vishwakarma Institute of Technology   2024 – Present
B.Tech in Computer Engineering — Pursuing, Current CGPA: 8.73/10   *Pune, India*

Sanjivani K.B.P. Polytechnic   2021 – 2024
Diploma in Computer Technology — 94.51%, Outstanding Performance   *Maharashtra, India*

De Paul English Medium School   2010 – 2021
Secondary School Certificate (SSC) — 86.40%   *Maharashtra, India*

PROFESSIONAL EXPERIENCE

Android Developer Intern   Jan 2022 – May 2022
Arnav Technosys   *Pune, India*

- Built Android apps using **Java, XML, Firebase**, and **Android SDK** with secure auth and real-time DB integration
- Developed **Student Mentoring App** as Diploma Final Project for managing mentor-student interactions
- Implemented modules for **Admin** (batch/mentor), **Mentor** (student info), and **Student** (mentor details)
- Used **MySQL, PHP**, and **Android Studio** to build a full-stack solution with smooth UI/UX
- Collaborated with a 3-member team and improved app performance across devices

KEY PROJECTS

Real-Time Chat App | React.js, Node.js, WebSocket, MongoDB   **2024**

- Built chat app supporting **100+ users** with **¡100ms latency** and **zero message loss**
- Implemented real-time messaging, end-to-end encryption, and responsive UI
- Achieved **95% satisfaction** and **40% rise** in daily active users

Next-Gen EdTech App | Android, Firebase, Razorpay   **2025**

- Built paid course platform with **200+ students** and **15+ teachers**
- Integrated Firebase Auth and Razorpay for secure payments (**$5K+ monthly**)
- Implemented dashboards, analytics, and content protection (anti-screenshot)

SparksVision Website | HTML5, CSS3, React.js   **2023**

- Developed company site for **1000+ monthly visitors** with responsive UI

- Improved UX and SEO, boosting time-on-site by **30%**, bounce rate **-25%**
- Achieved **90+ PageSpeed** score and full cross-device support

Class Balancing with ADASYN | R, Random Forest, Parallel Processing **2025**

- Handled stroke dataset imbalance using optimized ADASYN (5K+ records)
- Improved recall by **15%** and achieved **0.92 AUC** score
- Reduced model training time by **60%** with parallelism

E-Commerce Web App | MERN Stack, Stripe API **2024**

- Built scalable platform with **500+ products** and daily transactions
- Integrated Stripe with **99.8% success rate**; JWT for auth
- Developed admin dashboard to reduce stock ops by **70%**

CERTIFICATIONS & ACHIEVEMENTS

Python Certification – Programming Fundamentals and Advanced Concepts (Score: 95%)
SQL Certification – Database Management and Query Optimization (Score: 92%)
Full-Stack Web Development – MERN Stack Specialization (Completed 40+ hours)
Open Source Contributor – Active contributor to GitHub projects with **50+ repositories** and **200+ commits**
Hackathon Participant – Participated in **3+ coding bootcamps** and competitive programming events, **Top 10 finalist** in 2 events
Technical Blogger – Published **5+ technical articles** on web development with **1000+ views**

ADDITIONAL INFORMATION

Technical Leadership: Led development team of **3 members** in college projects, delivering **2 major applications**
Problem Solving: Solved **200+ coding problems** on competitive programming platforms (LeetCode, HackerRank)
Continuous Learning: Actively learning new technologies, completed **15+ online courses** with **95%+ completion rate**
Community Involvement: Mentored **10+ junior students** in web development and organized **2 technical workshops**

LANGUAGES

English (Fluent - IELTS 7.5 equivalent) | **Hindi** (Native) | **Marathi** (Native)