Satvik Kushwaha

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ABOUT

Frontend Developer with **2+ years** of experience building scalable web and mobile applications. Skilled in **React, Next.js, and 3D web experiences (Three.js)**, with contributions to **open-source projects like Kestra and Organic Maps**. Proven ability to **migrate legacy systems, optimize performance, and create interactive UIs**, combining technical expertise with creative problem-solving.

TECHNICAL SKILLS

Languages:	**JavaScript, TypeScript, Java, Kotlin, Python**
Frontend:	**React.js, Next.js, Vue.js, Tailwind CSS, Redux**
3D/WebGL:	**Three.js, React Three Fiber, Babylon.js**
Mobile:	**Android (Jetpack Compose), Flutter**
Backend:	**Node.js, Express.js, FastAPI, Firebase**
Tools:	**Git, Docker, GitHub Actions, AWS, GCP**
Databases:	**PostgreSQL, MySQL, MongoDB**

PROFESSIONAL EXPERIENCE

Frontend Engineer - Intangles Lab　　　　　　　　　　　　　　　　**Sep 2024 - Mar 2025**

- Led migration from **Angular.js to React.js**, improving performance by **40%** and modernizing UI components
- Implemented **Redux and Redux-Saga** for state management, reducing state-related bugs by **35%**
- Optimized rendering performance using **memoization techniques**, achieving **25% faster load times**
- Integrated **Single Sign-On (SSO)** between Freshdesk and platform, enhancing user experience

Freelance Developer　　　　　　　　　　　　　　　　　　　　　**Aug 2020 - Aug 2024**

- Developed **5+ production Android applications** including Farmer Help Platform and Biometric Banking App
- Built **Amazon Alexa skill** using AWS Lambda and Firebase, handling 1,000+ monthly requests
- Maintained **100% on-time delivery** across 20+ projects with 4.8/5 average client rating
- Implemented secure authentication flows and real-time data synchronization using Firebase

SDE Intern - Fountane　　　　　　　　　　　　　　　　　　　　**Apr 2023 - Dec 2023**

- Selected from **2000+ applicants** through competitive interview process
- Developed **3D modeling website** using Three.js and React Three Fiber
- Led proof-of-concept to migrate from **Babylon.js to Three.js**, reducing bundle size by **30%**
- Worked with **3D compression libraries** to optimize model loading performance

KEY PROJECTS

3D Portfolio Game　　　　　　　　　　　*Technologies: React Three Fiber, Three.js, cannon.js*

- Created interactive **3D game portfolio** where each level showcases skills and achievements
- Implemented physics using **cannon.js** for realistic object interactions
- Achieved **60 FPS** performance through optimization techniques

Sparepark App (Android)　　　　　　　　　　　　*Technologies: Java, Firebase, Google Maps SDK*

- Developed parking space booking app with **Google Maps integration**
- Implemented **Firebase OTP authentication** for secure user access
- Reduced booking time by **50%** through optimized UI flows

Open Source Contributions

- Contributed to **Kestra** (workflow orchestration) and **Organic Maps** (privacy-focused navigation)
- Fixed critical bugs and improved documentation across multiple repositories (**12 PR's Merged**)
- ⓞ Kestra Contributions — ⓞ Organic Maps Contributions

ACHIEVEMENTS

- Recognized as **Top Performer** at Intangles Lab for delivering critical migration project
- Maintained **100% on-time delivery** for all freelance projects (20+ completed)

EDUCATION

B.E. in Computer Science — Gyan Ganga College of Technology　　　　　**2019 - 2023**
CGPA: 8.78/10.0