

# MAYANK ABROL

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## SUMMARY

Software Developer passionate about building user-centered digital solutions that combine design, technology, and accessibility. Experienced with React, Node.js, Next.js, Swift, Java, Kotlin, Firebase, Supabase, MongoDB, Linux and more, with hands-on experience developing responsive web and mobile applications and supporting deployment environments. Combines technical development skills with management and marketing experience to deliver scalable and efficient products.

## PROJECTS

### **InSpec - AI-Powered Property Inspection App** | React Native, Firebase, GPS Integration | 2025

- Implemented image analysis features to detect scratches, chips, and wear across inspected surfaces.
- Integrated GPS autofill to automatically tag inspection locations and organize property inspection records.
- Generated exportable inspection reports (PDF, DOCX) with time-stamped visuals and structured damage summaries.
- Streamlined inspection workflows for landlords and tenants by consolidating images, notes, and condition scores.

### **Familiar - Assistive Platform for Dementia Care** | React, Next.js, Supabase, MongoDB | 2025

- Developed a dual-portal system supporting caregivers and patients with reminders, journaling, and cognitive games.
- Built dashboards to track memory game performance, reminders, and family relationship data.
- Integrated Supabase authentication and MongoDB for secure user management and data storage.
- Designed modular responsive components optimized for accessibility and cognitive clarity.

### **Gearify - Community Platform for Renting Sports Equipment** | HTML, CSS, JavaScript, Firebase | 2025

- Built a web platform enabling users to rent and lend sports equipment within local communities.
- Implemented Firebase authentication and real-time chat for seamless communication between renters and lenders.
- Designed user flows for listing equipment, browsing items, and managing rental requests.
- Promoted sustainability by enabling peer-to-peer reuse of sports equipment.

## TECHNICAL SKILLS

**Languages:** JavaScript, Swift, Kotlin, Java, SQL, HTML5, CSS3

**Frameworks:** React.js, Next.js, Node.js

**Databases:** Firebase, Supabase, MongoDB

**DevOps and Infrastructure:** Linux, Apache, Nginx, Reverse Proxy, AWS EC2, SSL/TLS Configuration

**Tools:** Git, Bash/Shell, Figma, Trello, Slack, WordPress (CMS)

**Specialties:** UI/UX Implementation, Accessibility, Responsive Design, REST APIs, CI/CD

## EXPERIENCE

### **Management Intern - Asset Infinity** | Delhi, India | May-Jun 2023

- Conducted market research analyzing 15+ enterprise asset-management software competitors.
- Produced 20+ marketing and documentation assets supporting enterprise software promotion.

### **Marketing Intern - SOS Children's Villages of India** | Delhi, India | Feb-Jun 2022

- Managed and evaluated engagement metrics across 10+ digital campaign posts.
- Analyzed audience insights to optimize outreach strategies and improve campaign engagement.

### **Wealth Management Intern - YES Bank** | Delhi, India | Jun-Jul 2019

- Assisted relationship managers in reviewing financial data for 25+ client portfolios.
- Maintained and organized financial records and reporting documentation for high-value accounts.

### **Communications Intern - ActionAid** | Delhi, India | Jun 2018

- Supported development of 10+ communication materials used in outreach campaigns.
- Assisted in preparing messaging and documentation for social impact initiatives.

## EDUCATION

**Langara College** - Postgraduate Degree, Web & Mobile App Development | Vancouver, BC | Sep 2024 - May 2026

**FORE School of Management** - Postgraduate Degree, Management | New Delhi, India | Jul 2022 - May 2024

**Guru Gobind Singh Indraprastha University** - Bachelor Degree, Business Administration | New Delhi, India | Aug 2017 - Nov 2020