AKHIL BODDU

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LinkedIn | GitHub | Portfolio | YouTube

PROFILE

Full-Stack Software Engineer with 3+ years of experience designing, building, and optimizing scalable web and mobile applications. MSc in Computer Science from the UK. Proven ability to lead development of user-centric consumer products leveraging React, Node.js, and WordPress, integrating third-party APIs and delivering measurable improvements in performance and UX. Skilled at collaborating closely with product managers and design teams to define feature specs and implement robust, maintainable code. Passionate about solving complex engineering challenges and mentoring teammates. Experienced in mobile app development and text-to-speech systems.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), Python, PHP, Java, Hack (familiarity), C++, Kotlin, HTML5, CSS3
- **Frontend:** React.js, React Native (basic knowledge), Vue.js, Bootstrap
- **Backend:** Node.js, Express.js, Django, Flask, REST APIs
- **Mobile:** Android (Java, Kotlin), iOS (Swift - basic knowledge), Cross-platform mobile app deployment
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools:** Git, Docker, Jenkins, AWS, CI/CD pipelines, Jira, Basecamp
- **Testing:** Jest, React Testing Library, test-driven development
- **Integrations:** Acuity Scheduling API, WooCommerce, Booking Engines
- **Other:** SEO, performance optimization, analytics-driven feature improvements

PROFESSIONAL EXPERIENCE

Web Developer

Marylebone Diagnostic Centre, London | Nov 2022 – Present

- Led full-stack redevelopment of a responsive healthcare website using React and WordPress, improving page load speed by 35% and increasing user retention.
- Collaborated daily with product and marketing teams to define and implement new features enhancing user engagement and conversion.
- Integrated external booking and form systems with robust API-driven workflows, ensuring seamless, secure user experiences across web and mobile platforms.
- Introduced testing and monitoring protocols to maintain high reliability post-deployment.

Freelance Full-Stack Developer & Digital Consultant

Remote | 2020 – Present

- Delivered 15+ end-to-end projects involving React, WordPress, and Node.js for hospitality and e-commerce clients.
- Developed a custom WordPress plugin integrating Acuity API for influencer coupon tracking—built role-based authentication, real-time booking stats, and commission reports.
- Created scalable user portals syncing WooCommerce orders with React frontends, handling real-time status updates and email notifications.
- Mentored junior developers and collaborated with design teams to iterate on UI/UX based on analytics and user feedback.

Full-Stack Development Intern
Future Connect Training, UK | May 2021 – Jan 2022
- Supported front-end and back-end development for internal training platforms using React and Django.
- Assisted in deployment automation, domain configuration, and SEO improvements.
- Optimized application performance, improving user engagement metrics.

EDUCATION
MSc Computer Science
University of Bedfordshire, UK — 2020 – 2022
B. Tech Computer Science
Jawaharlal Nehru Technological University, India — 2015 – 2019

KEY PROJECTS
- **TIJARAIQ Mobile App (Android & iOS)**
  Designed, developed, and published a cross-platform mobile app available on Android and iOS stores. Responsible for end-to-end development including UI design, backend integration, and deployment. Focused on optimizing performance and user experience across devices.
- **Influencer Coupon Tracker Plugin (WordPress + Acuity API)**
  Built a full-stack dashboard portal for influencers to track bookings and commissions with real-time API integration, user roles, and admin controls.
- **DNA Kit Tracking Portal (React + WooCommerce)**
  Developed a React-based user portal synchronized with WooCommerce orders, providing real-time updates, progress tracking UI, and automated email notifications.
- **Hospitality Booking Integrations**
  Integrated multiple booking engines and custom forms into WordPress sites, ensuring mobile responsiveness and streamlined user journeys.
- **Vocal Combo: Text-to-Speech System (B.Tech Project)**
  Implemented a text-to-speech application combining NLP and speech synthesis. Developed signal processing algorithms to convert text to natural-sounding speech, enhancing accessibility.
- **Spam Message Classifier (MSc Project)**
  Built a spam detection tool with 92% accuracy using Python, Flask, and Gradient Boosting machine learning models.
- **Hate Speech Detection on Twitter (B. Tech Project)**
  Trained NLP models using TensorFlow for offensive content classification with high precision.

ADDITIONAL INFORMATION
- Strong communication and collaboration skills working with product managers, designers, and engineers.
- Familiar with Agile methodologies, CI/CD workflows, and continuous integration.
- Passionate about mentoring and onboarding junior engineers.
- Available for hybrid work in London.