Pulkit Narula

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OVERVIEW

Software Developer with almost **5 years** of experience in developing and deploying applications for various businesses. Delivered **more than 20** SEO friendly web applications with various tech-stack and technologies such as **Content Management System (CMS), WordPress, React JS, Angular, Native JS**. Problem solving personality that's why love to do **LeetCode** and **AlgoExpert**.

SKILLS & LANGUAGE PROFICIENCIES

Proficient in: React js, Next js, React Native, Angular, Chart.js, Redux, JavaScript, Context API, React Query, Typescript, Node js, HTML5, CSS3, Bootstrap, PHP, Microservices

Experienced in: SASS, GitHub, Agile, Express js, FastAPI, MongoDB, Trello, PostgreSQL, UnitOfWork, Android, Linux, OAuth, OpenID, .NET Framework, WordPress Theming, AWS EC2, Qt, JAVA, JIRA, Bash, SDLC Models, Firebase, GraphQL

PROFESSIONAL EXPERIENCE

Media Monkey Studios Surrey, BC
(Dec 2021- Present)

Software/Web Developer

- Boosted **35% performance** by tuning SQL Server and implementing efficient solutions.
- Proficient in sprint planning and development, I work with cross-functional teams to build fast-growing web applications using **MySQL, MVC, JavaScript, WordPress HTML, and CSS**. Have expertise in **PHP, Python and Django**
- Fulfill request of clients by designing UI and building websites, landing pages and make them SEO friendly.
- Effectively resolved intricate technical issues concerning deployment and integration by fostering collaborative synergy with team members.
- Have used Angular and React framework with increased security and performance for betterment.

Achievement: More than 20 live websites with more than 2 million users per year.

Collins Aerospace Bengaluru, Karnataka, India
(Jan 2019- Jul 2021)

Associate Software Engineer

- Optimize the hosted web server to increase the efficiency by **40%.** Tested application using docker
- Proficiently executed code management through SVN and Git, coupled with regular code reviews, reflecting my practical experience with **agile development methodologies**.
- Updated Android in-flight application to optimize the performance by 40% and increase the security features.

Achievement: Managed Angular Team, Filed two patents under my name.

EDUCATION

PDD in Web and
Mobile Applications Development

Langara College, Vancouver, British Columbia
(April 2021- December 2022)

Bachelor of Technology in
Computer Science and Engineering

Amity University, Uttar Pradesh, India

PROJECTS

1) **UpOnCall** (https://uponcall.com/)
   A dynamic mobile app accessible on both **iOS** and **Android** platforms. It serves as a sophisticated bridge, connecting service seekers with proficient local professionals. This cutting-edge application employs **advanced algorithms** to match users with the most suitable service providers, optimizing efficiency and convenience. Utilizing robust backend technologies and sophisticated frontend frameworks, UpOnCall ensures seamless user experiences, real-time service tracking, and secure payment gateways using **Stripe and Paypal integration**. Seamlessly integrating geolocation through **Google Maps API** and **AI-driven recommendation engines**, it revolutionizes service acquisition in today's digital age. User can seamless login through **Google OAuth**, Facebook Login.

2) **Medico** (https://medicoapp.netlify.app/)
   Secure Mobile Health App: Engineered a cutting-edge mobile app using **REACT NATIVE**, coupled with **NodeJS** and **Express JS backend**, ensuring cross-platform compatibility. Elevated user authentication with **hashed credentials**, **JWT Tokens**, and Biometric Login. Leveraged **AWS EC2 Servers** for reliability. Seamlessly integrated **PixiJS**, **HTML5**, and modern **CSS/SCSS**, adhering to **SPA architecture**. Medico is a revolutionary mobile platform that connects patients with doctors, minimizing clinic wait times for non-emergency medical concerns. With **Biometric Login** and **in-app chat functionality** using **Socket.io** functionality, patients can engage seamlessly with medical professionals. Empowering patients to share images and short videos for enhanced diagnosis. Push notification integration ensures timely responses.
   Link - https://github.com/pulkitnarula13/allwell

3) **Predictive Analysis of Type 2 Diabetes Using Machine Learning**
   Develop a predictive model using **Python** and **machine learning** to identify Type 2 diabetes risk. Analyze health data including age, BMI, and lifestyle factors. Employ algorithms like **Logistic Regression** and **Random Forest** for accurate predictions. Create an intuitive interface using **Django** for users to assess risk and receive personalized recommendations, aiding early intervention and healthcare management.

4) **Web Photo Message App** (https://highness1.netlify.app/)
   Crafted a sleek web application in **HTML**, bolstered by **lightweight CSS** and enriched with advanced technologies of **JS**. **PHP** as server-side language. Empowers users to digitally annotate images, eliminating the need for physical papers while retaining messages and inserted pictures.

5) **VistaJet** (https://vistajet.com/en/)
   Hybrid Application in **Angular 10** with the goal of running in all type of electronic devices with internet. This means creating an application with a sleek design, intuitive user interface, and powerful features. Hybrid web application that allows passengers to connect to the internet while in-flight. Elevated the user experience by deploying on **AWS**, ensuring seamless scalability and availability. Allow users to access the internet by purchasing a plan or through a subscription. In the application, users can manage their plans, set limits on data usage, and manage their accounts. Migration of all data to cloud and use **APIs**.