Vaibhav Kumawat

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CORE COMPETENCIES

- **Frontend Development:** React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Webpack
- **Backend Basics:** Node.js, Express.js, C#, RESTful API Development, MongoDB, MS SQL, Postman, ASP.NET
- **Development** Tools & DevOps: Git, GCP, Vercel, Agile/Scrum methodologies

EXPERIENCE

ASMI Global Softwares Pvt. Ltd. *Full time employee*   *Oct 2023 – July 2024*
- Project-managed an agile scrum team of 4, resulting in on-time delivery for AGS-Avas web app for hostel management, live at JNU Jaipur used by **4000+ users**.
- Utilized RESTful APIs and JSON. Reduced the bundle size by 40% by tree-shaking and code splitting.
- Optimized load time and speed up the site visibility in browser by implementing lazy loading and SSR (Server-side rendering) which caused in 35% better responsiveness.
- Mentored the development team on HR-Prime project using Visual Studio, .Net, C#, and jQuery; enhanced system efficiency by 40% and reduced bug reports by 25% within six months.

Quantiphi Analytics Pvt. Ltd. *Full time employee*   *July 2022 – July 2023*
- Programmed **MS SQL Server** procedures contributing 5000 lines of SQL and also increased efficiency by 40% and scripting with **C#, jQuery, ADO.NET, Ajax**.
- Achieved **Associate Cloud Engineer** certification from Google Cloud Platform in 2 months. certificate   *Jan 2023 – Feb 2023*
- Streamlined authentication using **FirebaseUI** Auth with OAuth 2.0, resulting in seamless authentication and 100% positive customer feedback.
- Created a library of **80+** React components and implemented API calls with async/await.

Quantiphi Analytics Pvt. Ltd. *Internship*
- Programmed a web-based movie recommendation app using **ASP.NET** framework with **jQuery** and **C#** resulting in 35% improved user experience and increased user engagement.   *Jan 2022 – June 2022*
- Enrolled in a 3-month webinar series and learnt about development cycles, code review, **Git** and cloud technologies like **GCP** and **AWS**.
- Leveraged cloud services such as **GCP App Engine** and **GCP Cloud Datastore** to optimize the app, making it reliable, scalable and free till 50000 authentications.

PROJECT WORK

Parking pal *Web development*   *Jan 2021 – Feb 2021*
- Team collaborated a web-based parking reservation system enabling users to sign in and book preferred parking slots in UI remotely within a 24 hours window fast forwarding the process by 50%.
- Utilized SQL server to store parking spot information and maintained real-time occupancy status and usage duration every 5 seconds.

Other projects:
- Constructed an immersive Tic-Tac-Toe game using OpenGL and C++; optimized game performance   *May 2021 – June 2021*
  to run at a consistent 60 FPS, providing players with a seamless and engaging experience.
- Produced To-do list, drum kit, dice rolling app with HTML, CSS, JavaScript in 3 weeks showcasing the ability to work with media, style and design
- Pioneered an IoT buggy project, coding (Arduino IDE 2.0) an IR sensor buggy to follow a pattern.   *Feb 2020 – March 2020*
- Tinker cad automated dustbin: Arduino simulation to open lid for nearby person within 1.5m range.

EDUCATION

- Thapar University - Computer Engineering   CGPA: 7.2/10   Patiala, Punjab (April 2018 - April 2022)
- 12th RBSE   - Royal Academy   Percentage: 71.6/100 Jaipur Rajasthan (April 2017 - April 2018)
- 10th CBSE   - Dr. K.N. Modi Global School   CGPA: 9.0/10   Newai, Rajasthan (April 2015 - April 2016)

ACHIVEMENTS AND OTHERS

- Honored as one of top 15 in hackathon 'DoubleSlash' by IEEE Jadavpur University. certificate
- Led a team of 7 which secured 25000₹ sponsorship for the Thapar Food Festival Society.
- Typing Speed up to 70 WPM with 95% accuracy.
- Proficient in Blender (animation and rendering), Eagle (PCB circuit design), and AutoCAD 2D.