Syed M. Hussain – Software Engineer
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Education:

- Bachelors in Computer Science - California State University Long Beach (2018)
  - Senior Project: Developed OpenClassroom with a team of three other students.
  - Electives in Security and Compilers
  - HKN and ΜΑΘ

Employment History:

- Consultant - Blue Ribbon (2021-2024)
  - Oversaw, directed and implemented various technology projects for clients.
  - Projects included web and application design and management to server and hardware procurement and maintenance.
  - Managed CMS systems such as WordPress and Shopify to meet business needs.
- Airport Spectrum – Developer (2019-2021)
  - Engineered robust CMS features, including website architecture and booking integration, aligning with enterprise-level CMS architecture principles.
  - Integrated third-party APIs to centralize operational data management, adhering to database management best practices.
  - Web Design and programming
- CRM Administrator – Sharpline Brokers (2016 – 2018)
  - Designed, implemented and maintained a complex CRM workflow for a medium sized mortgage brokerage with detailed documentation and administrative guides.
  - Administered the system as well as provided support and training to all users.
  - Developed scripts to automate tasks, aid users and interact with CRM API (Node.js and browser)
  - Developed small applications to accompany or supplement use of CRM or other business tools
  - Directed and oversaw E-mail marketing, Social Media and Graphics Team
- Tier 2 tech support - Wrinkle Free IT (2015 – 2016)
  - Worked for a managed service provider providing Microsoft Remote Desktop Services and Microsoft Exchange.
  - Provided support to a wide range of clients on windows, mac, and third-party infrastructures.
  - Wrote Powershell scripts to automate administrative tasks in Active Directory, Exchange and the general filesystem.

Projects:

- OpenClassroom (Product Owner and Backend Developer)
  - Lets students know what time classrooms are empty so they can be used to study or relax. I scraped the class listings and computed open times for all rooms.
  - Mobile-first web app built on the MEAN stack. Deployed on Heroku (PASS) and mLab (Dass).
  - Study Buddy: Students could input their schedules and the system would connect them with students in the same classes with overlapping free time in their schedules and even suggest where to study. Real-time messaging with Socket.io
- CSULB Anonymous chat app (Android)
  - Semi-anonymous chat rooms for each class section, using Log in with social media and Google Firebase for the back end and real time messaging.