Kapil Sharma

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Skills

- JavaScript | TypeScript | Dart | Java | C | Angular | React | Vue | Next | Node | Express | Fastify | MongoDB | MSSQL | Postgres | Redux | ContextAPI | NgRx | RxJs | jQuery | NoSQL | ColdFusion | HTML | CSS | Bootstrap | Material UI | Mentine | Tailwind | Octo UI | Flutter | Restful APIs | Amplify | Data Structure | Data Modeling
- AWS Services | Google Cloud Computing | CI/CD | Jest | Unit Testing | Lambda | OOPs | Jira | GIT - BitBucket/Github | Confluence | Postman | LucidChart | Figma | Microsoft Teams | Scrum | Zoom | Google Meet
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi – *All professional proficiency or above.*

Experience

Senior Software Engineer ScalaCode Global *Noida, India* **03/2022 - Current**

- I'm a key member of the MEAN/MERN department at an offshore organization serving clients in the UK and US. I lead teams responsible for client projects and various other initiatives.
- My expertise spans a wide range of tech. in both TypeScript and JavaScript, encompassing backend and frontend development.
- My tech toolkit includes BitBucket and GitHub for version control, JIRA and Confluence for project management and collaboration, Visual Studio Code for coding, DailySprint for task management, Google Docs for documentation, Figma for design collaboration, Postman for API testing, Android Studio for mobile development, and developer tools for debugging. I also leverage video conferencing tools like Zoom, Skype, and Google Meet for seamless communication and Keka for HR and payroll management, Ms Office etc.

Associate Software Engineer Etelligens Technology *Noida, India* **11/2020 - 02/2022**

- My primary expertise lies in MEAN/MERN Stack Development, encompassing a range of JavaScript and TypeScript frameworks, including Angular 2+, React.js, Node.js, Express, MongoDB, and MySql.
- I have a track record of independently developing and designing various applications within the MEAN and MERN stacks.
- I'm well-versed in key tools and methodologies, including GIT, JIRA, Bitbucket, GitHub, Visual Studio Code, Scrum, Google Docs, Figma, Postman, Android Studio, developer tools, Sprint, and I rely on communication platforms like Zoom, Skype, and Google Meets.
- I lead a MEAN/MERN team, providing mentorship to a team of 8 jr. developers and guiding them through various challenges and projects.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Trainee Software Developer Milestone OS **03/2020 - 10/2020**

- I initially gained experience by working with JavaScript, where I developed various applications and projects using vanilla JS for a period of 2 months. Afterward, I transitioned to working with a broader tech stack, including Angular, Node.js, MongoDB, Express, and jQuery, to create single-page applications and web apps.
- My skill set encompasses JavaScript, TypeScript, Angular (2+), Node.js, HTML5, CSS, jQuery, MongoDB and GIT.

Intern DUCAT *Noida* **12/2014 - 03/2017**

- I acquired a strong foundation in core Java, JSP & Servlet, Hibernate, and Spring concepts. This knowledge was applied during a 6-month training program, where I developed an Accident Detection and Alerting System as a project.

Education

B. Tech Computer Science Engineering Dr. APJ Abdul Kalam University *UP/India* **2015 - 2019**

- Won 2nd prize in BigData Throne Technical Quiz ABES-IT Fest 2018
- Created a Web and mobile application to help people in emergency.

Senior (12th) & Higher(10th) Secondary Ingraham Institute ES / ICSE Board *UP/India* **2013 - 2015**

- I completed my 12th grade from IIES, Ghaziabad, ICSE Board in 2015 with a score of 64%. Additionally, I achieved a score of 67% in the 10th grade from the same institution in 2013.

Mentorship

- **Team Lead** - Coding Mentor: As a Team Lead and Coding Mentor, my responsibilities included mentoring, reviewing work, providing training on different technologies, and offering guidance to junior software developers. I also advised junior developers on problem-solving and challenges encountered during various projects.
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | career advice | Interview preparation

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Projects

- **Infrance**

  Technology: Mantine UI, React.JS, Amplify, Amazon Web Services(Cognito, S3 Bucket etc), MapBox, Deck.gl, Node.js, Typescript, JIRA, GIT, Confluence

  Description: Inference is a web app that delivers global-scale predictions with field-level precision for crops and weather. The app encompasses multiple sections and tools, allowing users to view crops grown in a county and region, assess their growth and health, predict areas, production, and yield. Additionally, it effectively manages risks and their impacts. .

  Responsibilities: My responsibilities involve designing and developing of the application, including creating different Pages, design 3D map models, Tools controls and Intract with data map, interactive graphs, Authentication and Authorization, Managing different version of app based on there region, Handling large datasets, testing, and documenting the process.

- **Node-Excel**

  Technology: Fastify, Node.js, Typescript, Microservice, JIRA, GIT

  Description: I created a Node.js package/library and a corresponding microservice. The package enables the retrieval of Excel files through APIs by specifying large datasets and their schemas. Additionally, it facilitates validation and enhancement of Excel files by providing various attributes directly.

  Responsibilities: My responsibilities involve designing and developing various aspects of the application, including creating different APIs, validators, wrapper services, and documenting the process.

- **Home Value Estimater**

  Technology: , Google APis, MapBox, Octo-UI, TypeScript, Fastify, Node.js, MicroserviceI, Layout & Fragments, Typescript, GIT, JIRA

  Description: This website allows users to smart search for properties in the country, providing estimated costs, an address and map search, interactive maps showing neighboring properties, property details, and a calculator to assess updated property values. Additionally, it recommends nearby and similar properties for a comprehensive property search experience.

  Responsibilities: My responsibilities include developing both backend and frontend, managing teams, planning tasks, coordinating with various departments, overcoming obstacles, and documenting information confuence.

- **Applicant Portal Taffy**

  Technology: ColdFusion, TypeScript, MySql, Fastify, Node.js, Microservice, Material UI, GIT, JIRA, Confluence

  Description: This is a backend app for the Mortgage application. In this microservice there are 17 APIs which are converted from old legacy languages to Fastify, Node.js, Typescript. There are various operations which involve various documentation, data management things.

  Responsibilities: My responsibilities is to understand the flow of different requests which are in coldfusion and then to create them in fastify, typescript and Node.js which involve best architecture, documentation, data modeling, creating services and wrappers.

- VIPMS

  Technology: Angular, Php, Laravel, MySql, GIT

  Description: In VIPMS, my role primarily involved debugging and adding new functionalities as required. Since this app was initially developed by someone else, I needed to understand its flow and adapt to meet the team's needs. VIPMS serves as a CRM tool for managing various aspects of a company, particularly an IT company. It includes sections for department management, designation, employee management, task assignment, team creation, project management, performance evaluation, user permissions, customization of the app's appearance, and employee meetings and information management.

  Responsibilities: My role was to enhance and maintain the application to support these functionalities and meet the company's Requirements.

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- **Seed**

  Technology: React, Redux, Figma, Material UI, GIT

  Description: Seed is a web application where users can buy and exchange cryptocurrencies. The app offers multiple login options, including MetaMask, Google, and email authentication. Once authenticated, users can exchange cryptocurrencies, manage their wallets, and perform crypto transactions on the blockchain.

  Responsibilities: My responsibilities included designing an attractive and user-friendly UI, implementing authentication and authorization mechanisms, ensuring the functionality of the application, managing user sessions, integrating APIs, and developing the workflow for cryptocurrency transactions.

- **ACT CRM**

  Technology: React.js, Node.js, Express, MongoDB, React-Redux, Redux-Thunk, Heroku, GIT

  Description: I created ACT CRM, a web application for companies to manage employees, branches, departments, designations, leads, contacts, and other data. The app includes an admin panel built with React.js, allowing administrators to oversee and manage the entire company's activities.

  Responsibilities: My responsibilities encompassed end-to-end development, from designing and developing the frontend to backend. This included designing the architecture, modeling the database, implementing authorization and authentication, defining the app's flow, managing sessions, developing APIs, and integrating various components.

- **Sefera**

  Technology: Angular, NgRx, Node.js, Express, Postman, Figma, Material UI, GIT

  Description: Sefera is a web application designed for administrators to create various inspections and tests for clients. These inspections are then assigned to inspectors who fill out the forms based on their inspections. Afterward, quality assurance (QA) checks the quality and approves the details. The app generates reports for different types of inspections, which administrators provide to clients.

  Responsibilities: My responsibilities included designing and developing the app's architecture and workflow, managing application states using NgRx, implementing session management, handling authentication and authorization, and integrating APIs.

- **Choose2U**

  Technology: Angular, NgRx, Figma, Material UI, GIT

  Description: Choose2U is a website that operates on the Takaful concept, allowing users to explore various insurance schemes and offers. Users can input their details on the website to purchase insurance and choose from different available options. Choose2U is a website that operates on the Takaful concept, allowing users to explore various insurance schemes and offers. Users can input their details on the website to purchase insurance and choose from different available options.

  Responsibilities: My responsibilities included implementing authentication and authorization, integrating social login functionality, setting up various payment gateways, and designing and developing the website's architecture and workflow.

- **DIEM**

  Technology: React.js, Node.js, Express, MongoDB, Redux, Material.io, Socket.io, GeoLocation

  Description: DIEM is an On-Demand Household Service application that offers services like on-demand cleaning, plumbing, painting, and more. Users can request these services through the DIEM Progressive web app, which has a frontend built on React.js and a backend built on Node.js.

  Responsibilities: I was responsible for the end-to-end development of the entire app, including both frontend and backend components. This encompassed designing the architecture, modeling the database, implementing authorization and authentication, defining the app's workflow, managing sessions, developing APIs, and integrating various functionalities.

- **VIPMS**

  Technology: Angular, Php, Laravel, MySql, GIT

  Description: In VIPMS, my role primarily involved debugging and adding new functionalities as required. Since this app was initially developed by someone else, I needed to understand its flow and adapt to meet the team's needs. VIPMS serves as a CRM tool for managing various aspects of a company, particularly an IT company. It includes sections for department management, designation, employee management, task assignment, team creation, project management, performance evaluation, user permissions, customization of the app's appearance, and employee meetings and information management.

  Responsibilities: My role was to enhance and maintain the application to support these functionalities and meet the company's requirements.