

SARTHAK KHETARPAL

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Skills

Languages: Java, Javascript, HTML, CSS, SQL

Web Development Frameworks: NodeJS, ReactJS, ExpressJS, Tailwind CSS, REST APIs

Databases: MongoDB, MySQL (Relational Database)

Developer Tools: Git, GitHub, VS Code, Postman

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Database Management System, Software Engineering

Experience

- Associate Software Development Engineer** Sep'2024 - Apr'2025
Hansa Solutions India Pvt Ltd, Hyderabad
 - Spearheading the **design and development** of innovative modules for the Insurance One product suite, focusing on performance and user-centric enhancements.
 - Enhanced and optimized pre-existing modules**, ensuring improved functionality and user experience.
 - Preparing detailed **unit testing reports** and comprehensive test cases, ensuring thorough validation across various scenarios, including **edge cases** and **negative tests**.
 - Proficiently utilizing technologies such as **C#, .NET, PLSQL, JavaScript, HTML**, and **CSS** to deliver robust, maintainable, and high-performing solutions.
 - Trainee Software Development Engineer** Feb'2023 - Aug'2024
Hansa Solutions India Pvt Ltd, Hyderabad
 - Client: **ICICI Prudential Life Insurance Company Limited**
 - Spearheaded the **upgrade of the IOneG application from V 3.0 to V 4.0**, implementing the solution from scratch.
 - Led the **development of 10+ new features** and maintained core submodules in the IOneG application, streamlining automation for Group Insurance processes.
 - Delivered over **90% of change requests (CRs)** on the first attempt while ensuring smooth functionality by deploying applications on UAT and **Production** servers, backed by comprehensive **production support**.
 - Recommended and implemented alternative solution approaches based on application feasibility, **optimizing project efficiency**, alongside **led CR (Change Request) review meetings with clients**, presenting scalable and efficient solutions to meet project goals.
 - Delivered detailed **unit testing reports** with precise test cases for comprehensive quality assurance.
 - Utilised **VB.NET, C#, SQL, HTML, CSS, JavaScript** to implement scalable solutions aligned with client needs.
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Education

SRM University 2019 - 2023
Bachelor of Technology
- Computer Science Engineering with specialization in Cloud and Mobile based applications CGPA - 8.56

Projects

- ED-Tech Platform - STUDYNOTION** [\[GitHub\]](#)
 - A comprehensive web-based EdTech platform enabling two user roles: **Teacher** and **Student**. Teachers can create courses, upload lectures, and manage content, while students can purchase courses and access lectures through a secure payment gateway integrated using **Razorpay**. Built using **React.js, Node.js, Express.js, MongoDB, JavaScript, Tailwind CSS**, and **HTML** for a full-stack solution ensuring scalability and user-friendliness.
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Awards & Certifications

- Tatva Award** – Recognised by **ICICI Prudential Life Insurance Company Limited** (2024) in the IT category for **Best Agent in Group Pricing**, showcasing exceptional contributions and technical expertise in software development. [\[Link\]](#)
- Best IOne Ranger Award** – Honoured by **Hansa Solutions India Pvt. Ltd.** during the Hansa Annual Awards 2024, acknowledging excellence in software innovation and outstanding performance. [\[Link\]](#)
- Web Development (MERN Stack)** – Successfully completed a 4.5-month bootcamp by **CodeHelp**, mastering full-stack development using **MongoDB, Express.js, React.js, and Node.js**. [\[Link\]](#)
- Low-Level Design (LLD)** – Completed an intensive 4-month bootcamp by **CodeHelp**, focusing on design principles and scalable software architecture. [\[Link\]](#)