

# Karan Nakra

Bachelor of Technology  
Chandigarh Engineering College, Mohali

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## EDUCATION

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- **Chandigarh Engineering College, Mohali** 2017-21  
*Bachelor of Technology in Computer Science and Engineering(Web Development)* CGPA: 7.8
- **Oxford Public School, Hisar - Senior Secondary** 2016  
*Central Board of Secondary Education(C.B.S.E)* Percentage: 79

## PERSONAL PROJECTS

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- **Super Calendar**  
*Super Calendar is an innovative date conversion library that transforms human-readable date strings into standardized formats*
  - Multi-language support for seamless date conversion across various languages.
  - Built on the Crono Node framework, ensuring a robust and reliable foundation for date processing.
  - Technology Used: Typescript
- **Identicon**  
*This is an Elixir-based library designed to create distinct grid images reminiscent of GitHub's default profile pictures.*
  - Used Elixir's struct to create 8x8 grid random images
  - Technology Used: Elixir
  - Repository Link: <https://github.com/karannakra/Identicon>
- **Realtime Chat App**  
*A nodejs based web application which allow users to chat in real time.*
  - Used Firebase Authentication(SDK) to facilitate authentication & Cloud Firestore to store data.
  - Technology Used: NodeJs, Heroku, Bootstrap, HTML, JWT
  - Repository Link: <https://github.com/karannakra/chitChat>
- **File explorer and uploader**  
*Developed using vanilla JS and shadow DOM, this widget offers a seamless file explorer and uploader feature*
  - Used VanillaJS with bootstrap
  - Technology Used: VanillaJS, ShadowDOM, Bootstrap

## PROFESSIONAL PROJECTS

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- **Reuters Connect**  
*Reuters is a global multimedia news agency and a division of Thomson Reuters*
  - Developed video-transcription feature for Reuters website.
  - Optimized website for speed and responsiveness.
  - Implemented SEO-friendly practices for enhanced online visibility.
  - Achieved up to 30% decrease in website load time.
  - led a high-performing Indian team, demonstrating effective leadership and fostering collaboration to achieve shared goals.
  - Technology Used: Clojure, Clojurescript, ReactJS, Re-frame, Github Actions
- **Fyrii**  
*Fyrii builds an AI based platform to enable individual experts to brand and monetize their individual innovative potential*
  - Developed a comprehensive chatting system in Fyrii.
  - Utilized OpenSearch for efficient data retrieval.
  - Integrated a WYSIWYG editor for seamless content creation.
  - Showcased components in Storybook for enhanced development and collaboration.
  - Technology Used: ReactJS, NodeJS, AWS Serverless Lambda, AWS DynamoDB, Open Search, Sockets
- **Widgets (Agenda group)**  
*Worked closely with my manger and successfully delivered 10+ widgets including travel widgets, rating widgets in vanillaJS*
  - Used VanillaJS with bootstrap
  - Developed widgets including File Explorer, Travel Booking, Rating
  - Technology Used: VanillaJS, ShadowDOM, Bootstrap

## EXPERIENCE

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### •Senior Software Engineer

*June 2023 - Current*

*Hashstudioz Technologies PVT. LTD.*

- Proficient in the functional programming language Clojure for robust and concise code.
- Experienced in ClojureScript, enabling efficient client-side scripting with Clojure.
- Skilled in using Reagent, a ClojureScript library, for building reactive and interactive user interfaces.
- Knowledgeable in Re-frame, a framework for managing state in ClojureScript applications, ensuring efficient and scalable data flow.

### •Software Engineer

*July 2021 - June2023*

*Hashstudioz Technologies PVT. LTD.*

- Proficient in AWS Serverless architecture and Lambda for scalable applications.
- Experienced in ReactJS to build dynamic user interfaces.
- Knowledgeable in OpenSearch API for powerful search integration.
- Skilled in AWS DynamoDB for efficient NoSQL data storage

### •Senior Engineer Trainee

*December 2020 - June 2021*

*Hashstudioz Technologies PVT. LTD.*

- In-depth understanding ShadowDOM, custom HTML elements, Bootstrap
- Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable VanillaJS widgets
- With a strong knowledge of VanillaJS and Shadow DOM, I have also gained expertise in creating custom HTML elements, building widgets, and developing reusable components.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:**HTML, CSS, Javascript, Clojure, ClojureScript

**Libraries :** ReactJs, Nodejs, Reagent, Reframe

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** ReactJs, AngularJs, VueJs

**Cloud/Databases:**MongoDb, Firebase, Relational Database(mysql), AWS

**Areas of Interest:** Web Design and Development, Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## ACHIEVEMENTS

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### •Champions of Hashstudioz Hashstudioz Annual Function

*Jun 2022*

### •Emerging Talent Hashstudioz Annual Function

*Jun 2022*