

# SAHIL CHAHAL

7347455775 | chahalsahil2608@gmail.com | Chandigarh, India

---

## SUMMARY

Full Stack Web Developer with expertise in building scalable and efficient applications using modern technologies. Proficient in backend development with Node.js, NestJS, and PHP frameworks like Laravel and CodeIgniter, as well as frontend technologies including React.js, Next.js, and Angular. Skilled in managing complex databases (PostgreSQL, MySQL, Redis, Elasticsearch) and leveraging cloud services (AWS) to deliver robust solutions. Experienced in writing test cases, pipeline deployments, and leading teams to ensure high-quality project outcomes. Passionate about solving complex problems and continuously advancing technical knowledge to stay at the forefront of innovation.

---

## SKILLS

**Backend Development** (Node.js, NestJS, PHP frameworks like Laravel and CodeIgniter)  
**Frontend Development** (React.js, Next.js, Angular)  
**Database Management** (PostgreSQL, MySQL, Redis, Elasticsearch)  
**ORM Expertise** (Prisma, Sequelize, TypeORM)

**Testing** (Jest for writing and maintaining test cases)  
**Cloud Services** (AWS: Cognito, S3, DynamoDB, Lambda, EC2, CloudFormation, OpenSearch, EventBridge)  
**Deployment & Systems**  
**Team Leadership & Project Management**

---

## EXPERIENCE

**Matrix Marketers - Mohali, India**

**November 2023 - Present**

**Senior Software Engineer**

- Developed scalable solutions using NestJS, Next.js, and advanced cloud services.
- Managed complex databases with massive datasets and automated pipeline deployments.
- Led teams, ensuring quality through test cases and efficient project delivery.
- Collaborated with clients to deliver tailored, high-impact solutions.

**Webroot Technologies - Chandigarh, India**

**February 2020 - November 2023**

**Software Engineer**

- Developed PHP CRMs, PHP frameworks, Node.js apps, and dynamic UIs with React.js and Angular.
  - Managed servers, deployments, and led a team to deliver quality solutions.
  - Worked closely with clients to ensure successful project outcomes.
- 

## EDUCATION & TRAINING

**Bachelor of Science - Computer Science**

Panjab University, Chandigarh

---

## ACCOMPLISHMENTS

- Served as an NCC cadet, demonstrating discipline and leadership skills.
- Competed as a Judo player.
- Represented Chandigarh in shooting competition.

## TECHNOLOGIES

- **Backend Development:** Node.js, NestJS, PHP (Laravel, CodeIgniter, Zend, Wordpress)
- **Frontend Development:** React.js, Next.js, Angular, Livewire
- **Databases:** PostgreSQL, MySQL, Redis, Elasticsearch, Firestore
- **Cloud Services:** AWS (Lambda, Cognito, S3, DynamoDB, EC2, CloudFormation, CloudFront, EventBridge, OpenSearch, Secret Manager)
- **ORMs:** Prisma, Sequelize, TypeORM
- **Testing:** Jest, PHPUnit
- **Deployment & Systems:** Linux (Ubuntu), AWS
- **Version Control:** Git, GitHub, Bitbucket
- **Other Tools:** Docker, CI/CD pipelines, FilamentPHP

## PROJECTS

### CLOUDFENCE

CloudFence is a unified platform designed for continuous monitoring of cloud workloads, network communications, and identity activities. It provides security and DevOps teams with real-time insights to drive action, ensuring the swift detection and prevention of potential threats. The platform enables teams to view baseline behavior of cloud assets, identify and remove unused access, and detect suspicious activities before they escalate into attacks.

Built using Next.js and NestJS, CloudFence leverages over 15 AWS services, including Lambda, Secret Manager, OpenSearch, Cognito, CloudFormation, CloudFront, and EventBridge. This project emphasizes scalability, security, and automation to enhance cloud infrastructure protection.

### VIALOOP

Vialoop is a robust platform designed to manage vendors and jobs for multiple clients, featuring complex business logic for tax calculations. The application handles a massive database with millions of records, ensuring smooth data processing and scalability.

Built using NestJS and Nuxt.js, Vialoop is optimized for performance and reliability. The project incorporates comprehensive test coverage with Jest to ensure code quality and stability. With its intricate tax calculation logic and large-scale database management, Vialoop streamlines vendor and job management for diverse client needs.

### Web4Reality

Web4Reality is a comprehensive property management system that connects to over 4,000 websites, providing clients with a custom CRM to efficiently manage property listings. The platform integrates more than 15 databases and handles complex business logic across various modules.

Built using Laravel-Lumen, Laravel, Zend, and React.js, Web4Reality offers a scalable and flexible solution for property managers. The system supports seamless property listing management, streamlining processes and enhancing the user experience for clients.

### MachineSpotter

MachineSpotter is a machine listing platform that aggregates old and new machines across Europe. With the ability to handle millions of records, it provides users with an intuitive interface to browse and search for machines efficiently.

Built using Laravel, Livewire, and FilamentPHP, MachineSpotter is optimized for high-performance data handling and dynamic user interactions. The platform enables seamless machine listings and ensures smooth navigation even with large volumes of data.