

OM PRAKASH SAH

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SUMMARY

Software Engineer with a B. Tech in Computer Science and hands-on experience in freelance web development and project training. I enjoy building responsive and user-friendly web applications using JavaScript and modern web technologies. I'm passionate about solving problems, learning new tools, and helping guide projects from idea to implementation while creating digital experiences that are both functional and well-designed.

EXPERIENCE

Freelance Web Developer | Self-Employed | Remote | 2023 – Present

- ❖ Designed and developed **full-stack and front-end web applications** for clients using **Next.js, React, JavaScript, TypeScript, Node.js, Express, and MongoDB**, delivering scalable and responsive digital products.
- ❖ Built and deployed multiple production-ready platforms including **booking systems, exam preparation platforms, and business showcase websites**, focusing on performance, SEO, and modern UI/UX.
- ❖ Implemented **authentication systems, role-based access control (RBAC), CMS features, RESTful APIs, caching strategies, and server-side rendering (SSR)** to improve application scalability and security.
- ❖ Optimized website performance and SEO using **Google Lighthouse, PageSpeed Insights, Cloudflare CDN, and modern optimization techniques**, achieving **90+ SEO scores and faster load times**.
- ❖ Managed **end-to-end development lifecycle**, including requirement gathering, development, testing, deployment (Vercel, VPS hosting), and ongoing maintenance.

Project Trainee | SVCET College | July 2024 – April 2025

- ❖ Completed **15+ hands-on projects** in web development and artificial intelligence, building full-stack applications and machine learning solutions for real-world use cases.
- ❖ Worked with technologies including **Python, JavaScript, React.js, Node.js, Flask, SQL, and TensorFlow/PyTorch** to design, develop, and test functional applications.
- ❖ Gained practical experience in **data preprocessing, model training, and integrating AI models into web platforms** to create intelligent and scalable applications.
- ❖ Collaborated on project development, improving problem-solving, debugging, and software development best practices.

EDUCATION

- ❖ **Computer Science Engineering** | SVCET(A) RVS, Nagar, Chittoor - AP - 517127 **CGPA: 7.9/10 | 2024**
- ❖ **XII (NEB)** | Dhanush Janta Secondary School Dhanush Dhan (Nepal) **CGPA: 3.08 /4 | 2020**

PROJECTS

Full Stack Developer Project | [DIT Solution Pvt. Ltd.](#) | July 2025 – September 2025

- ❖ Developed a complete end-to-end web application while handling the **full project lifecycle**, from requirement analysis and design to deployment and maintenance.
- ❖ Built a responsive frontend and **scalable backend system**, integrating database functionality and implementing secure authentication for efficient and reliable performance.
- ❖ Managed deployment in a **live environment** and continuously improved application performance, usability, and overall user experience.

[InteriorCafe](#) | [GitHub](#) | April 2024 – May 2024

- ❖ **Tech Stack:** Next.js, React, Tailwind CSS, Vercel, Cloudflare, SEO, Git, GitHub | Built a **responsive interior design showcase website** using Next.js and React with **server-side rendering (SSR) and dynamic routing** to improve SEO and performance.
- ❖ Developed **10+ reusable UI components** with Tailwind CSS and modern UI practices, improving user interaction, increasing session duration by **25%**, and reducing bounce rate by **18%**.
- ❖ Optimized performance and deployment using **Vercel and Cloudflare CDN**, reducing **initial page load by 30%** and achieving **70–80% Lighthouse scores** across performance, accessibility, and SEO.

[NecExamHelper](#) | [GitHub](#) | July 2024 – August 2024

- ❖ **Tech Stack:** Next.js, React, Tailwind CSS, Node.js, Cloudflare, Google Analytics, SEO, PageSpeed Insights, VPS Hosting (Hostinger, GoDaddy), HTML5, CSS3, JavaScript, GitHub | Rebuilt an **online exam-preparation platform for Nepali students**, migrating from WordPress to a custom **Next.js application** for better speed, scalability, and user experience.
- ❖ Implemented **server-side rendering (SSR), static site generation (SSG), and responsive UI**, streamlining navigation for **400+ MCQs and mock tests** while improving overall platform usability.
- ❖ Optimized **performance, SEO, and analytics** using PageSpeed Insights (**98%+ score**), Google Analytics, Search Console, and **Cloudflare CDN with VPS hosting**, supporting **100+ active users in the first month** with low-latency performance.

SKILLS

HTML, CSS, JavaScript, Java, Python, C++, C, TypeScript, React.js, Nodejs, Express.js, Next.js, WordPress, MongoDB, PostgreSQL, MySQL, AWS, VPS, Ngix, Webserver, VS Code, Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Problem-solving, Team Collaboration, Communication, Time Management, Responsive Design, Cross-browser Compatibility, Basic SEO

ACHIEVEMENTS

- 1st place – Java Coding Competition, ACE – SVCET
- 2nd place – Technical Quiz, ACE – SVCET
- Participant – 6-hour Programming Hackathon, Dept. of CSE – SVCET