

# Brief Resume



Name - Shantnu

Contact Details

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Portfolio: [Website](#)

Skills

Languages & Frameworks:

- HTML CSS JS PHP
- NodeJS ReactJS NextJS C
- C++

Databases

- mysql SQL Server MongoDB

Version Control & Tools:

- Git Docker

Other Technologies

- Bootstrap TailWind CSS
- Power Bi MS Excel MS Word
- MS PowerPoint

Additional Tools & Skills:

- JWT CI/CD

A highly motivated and results-driven Senior Software Developer with extensive experience in developing and deploying large-scale, high-performance applications. Skilled in building scalable solutions using Express.js, Next.js, SQL Server, and AWS, with a focus on optimizing system performance and ensuring seamless user experiences. Proven track record of leading end-to-end software projects, delivering robust, low-latency applications, and implementing secure, efficient API architectures. Adept at driving continuous improvement and collaborating across teams to meet business objectives and exceed client expectations.

Education

2017 - 2021

Bachelor of Technology (Electronics and Communication Engineering)

JSS Academy of Technical Education

(affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow)

Work Experience

December 2021 - August 2024  
IT Consultant

All India Council for Technical Education, Ministry of Education, New Delhi

- Consulted with engineering team members to determine system loads and develop improvement plans.
- Planned and developed a dashboard in PHP and MySQL that simplified overall management and offered ease of use with the export and import facilities.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.
- Documented software development methodologies in technical manuals using flowcharts that can be used by IT personnel in future projects.
- Developed a webiste which featues a unique pointing system where the user gets point on the basis of their performance and features a leaderboard that help determine the overall performance of the user among other users.

September 2024 - Present

Sr. Software Developer

INFLIBNET Centre

Gujarat

- Developed and maintained large-scale applications using Express.js for backend, Next.js for frontend, and Microsoft SQL Server for database management..
- Built and deployed a multi-platform API with JWT-based authentication, ensuring secure and scalable integration across various services.
- Led the deployment of the application on Azure, managing the infrastructure and ensuring high availability and performance.
- Collaborated with cross-functional teams to deliver features and enhancements for a large-scale application, optimizing both server-side logic and client-side performance.
- Monitored and optimized the API's performance using logging and real-time metrics on Azure.

Certifications

- Certificate in Google Analytics for Power Users from Google Analytics Academy
- Certificate in Google Web Designer Basics from Google
- Certificate in Google Tag Manager Fundamentals from Google Analytics Academy
- Certificate in Google Analytics for Beginners from Google Analytics Academy
- Certificate in Advanced Google Analytics from Google Analytics Academy
- Certificate in Getting Started With Google Analytics 3 6 0 from Google Analytics Academy
- Certificate in Introduction to Data Studio from Google Analytics Academy
- Certificate in Basics of Java from Amity Future Academy
- Certificate in Front End Development - HTML from Great Learning
- Certificate in Front End Development - CSS from Great Learning
- Certificate in HTML Tags & Attributes from Great Learning
- Certificate in CSS Properties from Great Learning
- Certificate in PHP from Great Learning
- Certificate in React JS from Great Learning

Personnel Projects

- [Technical Look \(A Blogging Website\)](#)
  - Developed a dynamic blogging platform using Next.js, Tailwind CSS, and PHP (backend), integrated with a MySQL database.
  - Implemented CI/CD pipeline with AWS EC2 and Docker, enabling efficient scaling and high availability.
  - Deployed using S3 for static files and EC2 for dynamic content.
- [Watch List App](#)
  - Developed a Watch List application to help users track the movies and series they've watched, using Next.js for the frontend and MongoDB for database and user interface with Tailwind CSS.
  - Implemented full CRUD functionality (Create, Read, Update, Delete) to allow users to add, view, update, and delete movies and series from their personal watch list.
  - Deployed the application on a cloud platform (such as Vercel or Heroku), ensuring high availability and easy scalability.
- [Calorie Tracker](#)
  - Ongoing project that uses Generative AI and a food API to calculate nutritional information.
  - Built with MERN stack (MongoDB, Express.js, React.js, Node.js), featuring JWT-based user authentication and secure data handling with crypto encryption.
  - Frontend communicates with backend via Bearer Tokens, ensuring secure user sessions.
- [Online HTML-CSS-JS Editor](#)
  - Created a simple online code editor for HTML, CSS, and JavaScript using vanilla JavaScript and CSS.
  - Implemented unique features like parameterized URLs (?shantnu=) for saving user preferences, enabling easy code prototyping.
- [Minify Code](#)
  - Developed a tool to minify JavaScript code by removing white spaces, improving load times for web pages.
- All of the above mentioned projects are accesible through the website <https://shantnudon.vercel.app/> which is a single page application developed using NextJS