

Prince Bhatia

Full Stack Developer | React | TypeScript | Next.js | Node.js | Three.js | AI

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ABOUT ME

Full Stack Developer with 5+ years of experience building web applications, interactive 3D experiences and AI-powered products. Experienced with React, TypeScript, Next.js, Node.js and Three.js, with hands-on experience in WebGL, 3D assets, APIs, serverless backends and cloud deployment.

I enjoy working across the stack, from designing responsive interfaces and backend services to integrating AI capabilities and interactive 3D features. I work closely with designers and product teams to turn ideas and complex requirements into practical, easy-to-use products.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Responsive Design

Backend: Node.js, Express.js, Next.js API Routes, REST APIs, Serverless Functions

3D & Visualization: Three.js, WebGL, Blender, 3D Modeling, 3D Assets, Interactive 3D Experiences

AI/ML: LLMs, Generative AI, AI APIs, Conversational AI, AI Agents, RAG, Embeddings, Semantic Search, AI Inference

Cloud & DevOps: AWS Lambda, S3, EC2, RDS, Athena, CloudWatch, Docker, GitHub Actions, CI/CD, Git

Database: MySQL, PostgreSQL, MongoDB, Redis, SQL

WORK EXPERIENCE

Full Stack Developer

Sep 2021 – Present

AVRLabs – Dubai, UAE (Remote)

- Build and maintain full-stack web applications using React, TypeScript, Next.js, Node.js, HTML5 and CSS3.
- Develop responsive and reusable frontend components and backend services, from initial requirements through production.
- Build interactive 2D/3D web experiences using Three.js and WebGL for AR, virtual environments and browser-based visualization.
- Work with Blender to prepare and optimize 3D models and assets for use in web-based 3D experiences.
- Integrate AI services, LLMs, conversational AI and AI APIs into applications to create intelligent user experiences.
- Work with AI agents, knowledge bases, embeddings and RAG-based approaches for AI-powered application features.
- Develop REST APIs and serverless backend functions using Node.js, Express.js and AWS Lambda.
- Work with MySQL and PostgreSQL for database design, queries, data migration and performance optimization.
- Integrate third-party APIs and services, including authentication, payments and external data sources.
- Deploy and maintain applications using AWS, Docker and CI/CD workflows.
- Troubleshoot frontend, backend, WebGL, mobile browser and production issues and improve application performance.
- Work closely with designers and product teams to turn requirements into practical and user-friendly solutions.

Selected Projects

- **Artabia:** Full-stack digital art platform built with React and Node.js, including virtual galleries, 3D/AR experiences, digital asset management and AI-powered features.
- **ARviewz:** Web-based AR and 3D platform using React, Node.js and Three.js, with REST APIs and cloud integrations. Improved client onboarding time by approximately 70%.

Backend Developer

Jan 2020 – Sep 2021

Henceforth Solutions Pvt. Ltd. – Mohali, India

- Built backend APIs and web applications using Node.js, React, MySQL and PostgreSQL.
- Developed responsive interfaces using React, HTML, CSS and Bootstrap.
- Integrated AWS Lambda, S3 and EC2 into production applications.
- Improved application performance through SQL optimization, Redis caching and CloudWatch monitoring, maintaining approximately 99.5% uptime.
- Worked with Git, pull requests and collaborative development workflows.

Projects: CoreAI, Potswork, Wedeliver, Everlens

KEY STRENGTHS

Full Stack Development	React, Next.js & TypeScript
Node.js & API Development	Three.js & WebGL
Blender & 3D Visualization	AI/ML Integration
LLMs & Generative AI	Conversational AI
AWS & Serverless Development	Docker & CI/CD
Clean Code & Code Reviews	Product Team Collaboration

EDUCATION

Master of Computer Applications (MCA)	2017 – 2020
Kurukshetra University	
B.Sc. Physical Sciences	2014 – 2017
Kirorimal College, University of Delhi	

LANGUAGES

English Hindi Punjabi
