

# BIBHANSHU LAL KARN

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## OBJECTIVE

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Full-stack Software Developer with 1+ years of project-based experience developing scalable web applications using React, Node.js, NestJS, and PostgreSQL. Skilled in API design, backend architecture, and native Android (Java), familiar with AWS (EC2, S3). Eager to grow as an SDE by building impactful solutions in a full-time role.

## EDUCATION

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**Bachelor of Technology in Cloud Technology and Mobile Applications**, JAIN (Deemed-to-be University), School of Computer Science & Information Technology 2022 – 2026  
*CGPA: 8.57/10*

**Higher Secondary Education**, National Infotech, Specialized in Computer Studies 2020 – 2022

## SKILLS

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**Programming Languages:** JavaScript, TypeScript, Java, Python, C, SQL

**Frontend Technologies:** React.js, HTML5, CSS3, Tailwind CSS, Material UI, Bootstrap, Responsive Design

**Backend Technologies:** Node.js, NestJS, Express.js, RESTful APIs, Microservices, JWT Authentication

**Databases:** PostgreSQL, MySQL, MongoDB, Database Design, Query Optimization

**Cloud & DevOps:** AWS (EC2, S3), Azure, Google Cloud, Docker, CI/CD, Linux, macOS

**Development Tools:** Git, GitHub, Figma, VS Code, Postman, Agile/Scrum

**Additional Skills:** Firebase, Socket.IO, Real-time Applications, Mobile Development (Android/Java)

## EXPERIENCE

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**Software Developer Intern**

*Jul 2025 – present*

*Sakha Information Systems, Banashankari 2nd Stage, Bangalore – 560070*

[sakhaglobal.com](http://sakhaglobal.com)

*Project: Turbine Technology Review Reports*

- Developed full-stack dashboard using React.js (MUI) and Express.js with PostgreSQL, based on Figma designs.
- Delivered 20+ RESTful APIs and 10+ responsive UI components, ensuring performance and scalability.
- Enhanced UI/UX across **10+ pages/components**, improving load times by **30%** and streamlining user flow through iterative feedback during weekly reviews.

## PROJECTS

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**Chattr.** MERN stack social media app with JWT auth, Express.js backend, and MUI-based React frontend. ([View](#))

**WonderPlay.** Disney-inspired UI built in React.js with Firebase Authentication and storage. ([View](#))

**E-Commerce.** Built a full-stack store with React.js (Tailwind, Shadcn/UI, Radix UI), React Router 6, and PostgreSQL backend using TypeScript, JWT & cookie-based auth. Secured with HSTS & HTTP/2, served **210+ users**, processed **310+ orders**, and boosted API speed by **40%**. ([View](#))

**Whispr.** Backend for chat app using NestJS, Socket.IO, and MongoDB with group chat and secure auth. ([Repo](#))

## CERTIFICATION

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- DevOps: Complete Course, Packt
- AWS Fundamentals Specialization, AWS

## EXTRA-CURRICULAR ACTIVITIES

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- Winner – Infinity Ctrl+Z Debugging Challenge, College Technical Fest (Prize: Rs.5,000)
- Active participant in Hackathons and competitive programming events