# BIPIN PANDEY

📍 **New Bazzar, Tanahun, Gandaki, Nepal**
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## PROFESSIONAL SUMMARY

**Highly skilled and adaptable Software Engineer with extensive experience in software development, robotics, and automation. Adept at designing innovative solutions, developing working prototypes, and optimizing code for efficiency and maintainability. Passionate about leveraging technology to solve complex problems and enhance user experiences.**

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## TECHNICAL SKILLS

- **Programming Languages:** Node.js, PHP, Rust, C
- **Web Development:** React, Node.js, Vue.js, Tailwind CSS, Next.js
- **Mobile Development:** React Native, Tauri
- **Robotics & Automation:** Arduino, Raspberry Pi, 8088
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Tools & Technologies:** Git, Docker, Nginx, Apache

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## WORK EXPERIENCE

### Product Development Lead

**Crispr Coders Pvt. Ltd., Tanahun** | *Nov 2019 – Present*

- Designed and developed software solutions tailored to business needs.
- Created working prototypes and technical documentation.
- Managed multiple development teams and products.
- Wrote, reviewed, and managed the codebase for quality assurance.
- Adapted to evolving responsibilities based on business requirements.

### Lead Software Engineer

**Digb Inc., CA, USA** | *Sep 2022 – Jun 2023*

- Designed and developed an MVP for taxation software for real estate owners.
- Managed and led the development team.
- Wrote, reviewed, and maintained the codebase for quality assurance.

### Tech Lead | Software Engineer

**Gitstart, CA, USA** | *May 2018 – Sep 2022*

- Led the design and architecture of scalable web and mobile applications.
- Managed and led the development team.
- Wrote, reviewed, and maintained the codebase.

### Full Stack Developer

**Siems Everest, Bhaktapur** | *Sep 2017 – Nov 2018*

- Developed scalable web applications for different clients.
- Wrote, reviewed, and maintained the codebase.

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# PROJECTS

### Web & Mobile Applications

- **FindEmojis.com (2025) –** Developed a dynamic content generator for emoji meanings and related blogs using Next.js.
- **Citizen Service App (Citizen & Officer Version) –** Developed a mobile and desktop application for local government recommendation services.
- **Digb Marketing Site –** Built the official marketing website for Digb Inc.
- **Digb Taxation Dashboard –** Developed an admin panel for bank account linking, transaction categorization, and tax document automation.
- **Bandhu App –** Developed APIs for contractor features.
- **Juven | Event Management App –** Developed backend features for event management.
- **Swayable –** Built a marketing site using Vue.js.
- **Epoints –** Developed an e-commerce web application.
- **Sleed –** Designed and implemented a task management tool.
- **Jeepney Food –** Implemented an e-commerce booking system for food trucks.
- **Quink –** Developed the marketing site.

- **Siems Ink –** Built a WordPress-based e-commerce site with HQ-Patronen API integration.

## Robotics & Automation

- **Laplace Transformer –** Developed a desktop application to assist students in solving Laplace transformations with step-by-step solutions.
- **Automated Greenhouse –** Created a controlled environment for off-season crop harvesting using robotics and microcontrollers.
- **Line Follower Robot –** Designed and implemented an autonomous robot using IR sensors and microcontrollers.

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# EDUCATION

🎓 **Bachelor in Electrical Engineering**
Pulchowk Campus, 2017

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# ADDITIONAL INFORMATION

- **Languages:** Nepali, English, Hindi
- **Interests:** Chess, Blockchain, EdTech Solutions