

# Tinku Rani

## Full-Stack Web Developer

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Enthusiastic web developer fascinated by the beauty of logic /mathematics and passionate about creating functional and intuitive user experiences. Extensive experience in fast-paced, service-focused environments and with a background in programming skills make for a powerful problem-solver and a valuable asset to any development team.

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## TECHNICAL SKILLS

**Computer Science applied to JavaScript:** Design Patterns, Data Structures, Algorithms, Big O Notation

**Browser Based Technologies:** HTML, CSS, JavaScript, jQuery, Responsive Design, Bootstrap, Handlebars, Local Storage, Session Storage, IndexedDB, React.js

**Deployment:** Heroku, Git

**Databases:** MySQL, MongoDB

**Server-Side Development:** Express, User Authentication, Sequelize, MERN Stack (MongoDB, Express.js, React.js, Node.js), Java, Python, RESTful Web Services

**Analysis Services:** SSIS, SSAS, Power BI

**Quality and Performance:** Unit Testing, Google Lighthouse, Webpack, PWAs (Progressive Web Apps), Lazy Loading, Service Workers

**Accessibility:** Semantic HTML

**Agile Development:** Kanban, Project Management, Issues, User Stories, Sprints, Standup, Retros

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## PROJECTS

### Tech Book Blog

[techbookblog.herokuapp.com/](https://techbookblog.herokuapp.com/) | [github.com/tinkubansal95/tech-blog](https://github.com/tinkubansal95/tech-blog)

*To build a CMS-style blog site, where developers can publish their blog posts and comment on other developers' posts as well. This site is deployed to Heroku.*

- **Environment:** JavaScript, JQuery, Node.js, Express.js, MySQL, Sequelize, Session-Cookies, Handlebars, HTML, CSS, Bootstrap, Moment.js API

### Good Gaming

<https://goodgaming.herokuapp.com> | <https://github.com/tinkubansal95/good-gaming>

*Good Gaming is all about finding your gaming buddy online.*

- **Environment:** JavaScript, Node.js, Express.js, MySQL, Sequelize, JWT Token with cookies, Bulma
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## EMPLOYMENT HISTORY

### MAQ Software | Software Engineer

Hyderabad, India | 2018 – 2019

Understood business requirements in BI context and designed data models to transform raw data into meaningful insights. Created dashboards and interactive visual reports using Power BI. Built SSAS cubes and Dimensions with different architectures and Data Sources for Business Intelligence and writing MDX scripts.

### KEY ACHIEVEMENTS:

- Created the deployment scripts and managed the code.
- Debugged technical issues during the scheduled time slots.
- Completed daily and weekly targets.

**Infosys | Software Intern***Mysore, India | Jan, 2018 – June, 2018*

Developed a discussion forum to be used internally among educators and trainees to address commonly faced issues with respect to technology training syllabus. Designed and built Java-based application & website.

**KEY ACHIEVEMENTS:**

- Scored A+ grade in Infosys training, which is amongst the best training in the world.
- Completed the required target of application completion within six weeks.
- Worked under minimum supervision in a team of four.

**Tata Consultancy Services | Software Intern***Remote Internship | March, 2017 – May, 2017*

Developed an app, "Ask a question", which was like a virtual assistant. Users can ask anything to that app, and that app searches it on Google and reads the top results to the user. Users can also ask things like 'tell me a joke', 'what's the weather' etc.

**KEY ACHIEVEMENTS:**

- I got 536 rank in TCS CodeVita (TCS CodeVita is a coding competition held by TCS nationwide in India for final year graduate students).
- Completed the required target of application completion within twelve weeks.
- Worked under minimum supervision in a team of two.

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**EDUCATION****Monash University | Coding Boot Camp***Full-Stack Web Development Certificate | Feb 2021 - Aug 2021***Punjabi University | Engineering***Computer & Science Engineering | 2014 – 2018*

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**CERTIFICATIONS**

- Microsoft 70-761 (Querying Data with Transact-SQL).
- Microsoft 70-778 (Analyzing and Visualizing Data with Microsoft Power BI).