

# KARANAM NANDA KISHORE

Bengaluru, India  
<https://kishorekaranam.tk>

kishorekaranam99@gmail.com  
<https://www.linkedin.com/in/itsknk/>  
<https://github.com/itsknk/>  
+91 9550272414

## EDUCATION

---

### Bachelor of Technology, Information Science and Technology

2021

School of Engineering and Technology Jain University, Bengaluru, India

*Coursework:* Discrete Mathematics, Data Structures & Algorithms, Cryptography & Network Security, Databases, Operating Systems, Computer Networks.

## COMPETENCIES

---

<b>Programming</b>	Java, Javascript, Golang, C/C++, HTML, CSS.
<b>Framework &amp; Tools</b>	Node.js, Git, MongoDB, $\LaTeX$
<b>Familiar with</b>	Linux, Bash, Windows, Mac OS.

## RESEARCH

---

- **A Novel Text Encryption Algorithm using enhanced Diffie Hellman and AES** Proposed an algorithm for text encryption where the Diffie-Hellman gets an update making it more secure, the algorithm proposed is implemented in Java. Published in the International Journal of Advance Research in Computer Science And Management Studies (IJARCSMS).
- **RSA Algorithm: A theoretical study and implementation** This is a paper describing the theoretical concept of the RSA cryptosystem along with the implementation of the algorithm in JAVA. Published in the International Research Journal of Modernization in Engineering Technology and Science(IRJMETS).

## SELECTED PROJECTS

---

### Blogue — *A publishing platform*

- Blogue is a publishing website where people can create an account to write posts that are worth sharing.
- It involves User account management, hashtags, OAuth, news board.
- Stack: Node.js, MongoDB, React.

### ChessEngineAI — *A simple Chess AI*

- A simple chess AI that plays in med to high level difficulty.
- It uses minimax Algorithm to calculate moves and it's efficient enough as it also uses the alpha beta pruning for improving the efficiency.
- Stack: Node.js, Express.

### TerminalChat — *CLI based Chat app*

- It's a chat client which runs on the terminal where a user can either join a room or create his own to start chatting.
- It involves user creation, messaging, Chat Rooms, CLI.
- Stack: Node.js.

### SentimentAnalyzer — *Text based sentiment analysis*

- A web app built on node.js that analyzes the underlying emotion from the input text.
- Stack: Node.js, Express.

### PriceTracker — *Price tracker for amazon products*

- A simple price tracker that tracks the prices of a selected product on Amazon and sends an email when the price hits low.
- It involves PriceTracking, Sending Mails, Scraping.
- Stack: Node.js, Express.