# PROFILE

DEEPAK BARWAL

Toronto, Ontario | (416) 832-6456 | deepakbarwal2497@gmail.com

Dynamic Software Developer with a strong foundation in Java, Python, and JavaScript. Skilled in developing scalable applications using ReactJS and Angular. Proven ability to design, implement, and maintain high-quality software solutions while adhering to best practices in security and coding standards. Committed to collaborative teamwork and continuous professional growth.

# TECHNICAL SKILLS

* **Programming Languages:** Java, JavaScript, Python, C#.NET.
* **Web Development:** ReactJS, Angular, and VueJS.
* **Software Development Methodologies:** DevOps, Continuous Integration/Continuous Deployment (CI/CD), Test-Driven Development (TDD).
* **Cloud Technologies:** AWS, Kubernetes, Docker.
* **Data Management :** SQL(MariaDB , SQL Server) , Caching Tools (Red Hat DataGrid).

# .LEADERSHIP SKILLS

* Skilled communicator with a balance of urgency, empathy, and integrity.
* Analytical problem-solver with a curiosity for understanding how things work.
* Able to identify insights from data and craft strategic recommendations.
* Simplifies complex issues and makes timely, effective decisions.
* Willing to challenge the status quo and experiment with innovative solutions.
* Goal-oriented with a focus on both individual tasks and the bigger picture.
* Committed to continuous growth and learning, with proven leadership through extracurricular activities and projects.

# EDUCATION

**Graduate Certificate, Blockchain Development** Jan 2024 - Present George Brown College |Toronto, Ontario

**Graduate Certificate, Information Technology** May 2023 -Dec 2023 Algoma University | Brampton, Ontario

**Bachelor of Technology, Information Technology** May 2016 - June 2020 Kurukshetra University | Kurukshetra, India

# PROFESSIONAL EXPERIENCE

## Junior Full Stack Developer Jan 2024 – Aug 2024

Markdale Financial Management ,[ Toronto, ON]

* Develop and Maintain Applications: Write and manage code for web-based financial reporting systems using HTML, CSS, JavaScript, and React.js, while working with REST APIs and JSON for data integration.
* Database Management: Utilize MySQL databases to store and retrieve financial data effectively.
* System Support: Work with Ubuntu Linux servers and command-line tools for development and deployment tasks.
* Collaborate and Communicate: Contribute to team efforts using GitHub for version control and project management, and engage with financial technologies and systems.

**Software Developer** Sept 2020 – Mar 2022

Tata Consultancy Services (TCS), [Bangalore]

* Developed and maintained software applications tailored to client needs, creating functional and high-quality solutions. Skills: Full-Stack Development, Requirements Analysis.
* Wrote clean, efficient, and scalable code following industry standards, and documented code for future maintenance. Skills: Coding (Java, JavaScript, Python), Documentation.
* Identified and resolved software issues through debugging and troubleshooting, ensuring smooth software operation. Skills: Debugging, Problem Solving.
* Collaborated with cross-functional teams to integrate software components, meet project goals, and communicate effectively. Skills: Team Collaboration, Communication.
* Conducted thorough testing including unit, integration, and system tests, updated and enhanced software, and ensured security best practices. Skills: Testing (TDD, BDD), Software Maintenance, Security Best Practices.

# PROJECTS

**Gold Digger** Feb 2024 – July 2024

**Skills Used**: Solidity, web3.js, ReactJS, Ethereum, MongoDB, Blockchain Security, TDD

**Description**: A Decentralized Marketplace is an advanced platform designed to facilitate the buying and selling of products using cryptocurrency, leveraging the power of blockchain technology. This marketplace operates without a central authority, ensuring that transactions are transparent, secure, and autonomous.

## Key Points

Gold Digger: Platform for buying and selling products with cryptocurrency.

Smart Contracts: Developed with Solidity to ensure secure and trustless transactions. Front-End: Built using ReactJS for a user-friendly interface.

Blockchain Integration: Utilized web3.js for seamless blockchain interactions.

Data Management: Stored user profiles, product listings, and transactions in MongoDB.

Security: Applied Blockchain Security best practices and Test-Driven Development (TDD) for reliability and protection.

# VOLUNTEER & COMMUNITY INVOLVEMENT

**Shakespeare at the Saskatchewan** - **Data Coordinator** Jun 2023 - Present

* Managed and analyzed web traffic data to optimize the user experience and improve event promotion strategies.
* Coordinated successful events, leveraging data insights to enhance community engagement and participation.
* Implemented data-driven improvements to the organization’s digital presence, leading to increased visibility and revenue.