

# Omkar Chaudhari

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## Education

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### Bachelor of Engineering in Computer Science

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Secured CGPA: 8.45/10

### Higher Secondary Education (12th Board)

Tripura Science College, Latur

Secured Percentage: 76.92%

## Technical Skills

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- **Programming Languages:** C#, Python, C++, Java
- **Web Technologies:** HTML, CSS, JavaScript, React.js, ASP.NET (Core and Framework)
- **Cloud & DevOps:** AWS, Git, GitHub, Postman, REST APIs
- **Tools & Frameworks:** .NET, Entity Framework, Maven, SQL Server, MySQL
- **Other Skills:** Machine Learning, Data Analysis, Leadership, Team Management, Public Speaking

## Experience

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### Software Engineer Intern | *miniOrange, Pune*

*Sep 2024 – Present*

- Contributed to the .NET team in building security solutions—including Single Sign-On (SSO) using SAML, OAuth/OpenID, and Two-Factor Authentication (2FA) for .NET-based applications (both Core and Framework) and popular CMS platforms such as DotNetNuke (DNN), Umbraco, and nopCommerce.
- Developed BackOffice and Member SSO login support for the Umbraco plugin, and created a shared **UmbracoLogin** library to support both SAML and OAuth plugins across multiple Umbraco versions.
- Enhanced the miniOrange REST API plugin for DNN, enabling secure custom API creation using API Key, Basic Auth, and JWT.
- Implemented “Single Logout” (SLO) in the DNN OAuth plugin to log users out from both DNN and the Identity Provider (IdP).
- Integrated dynamic metadata update functionality in the nopCommerce SAML plugin to include updated metadata in SAML requests sent to the Identity Provider (IdP).
- Integrated a troubleshooting option in the nopCommerce plugin to enable admins to debug issues using miniOrange logs.
- **Tech Stack:** ASP.NET, Full-Stack Development, API Authentication, SAML, OAuth/OpenID, 2FA.

## Personal Projects

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### Smart Health Consulting and Online Health Shopping Portal | *Python Django*

- Developed a portal addressing modern health issues using smart health consulting systems.
- Used machine learning algorithms to classify diseases based on user input, achieving 93.62% accuracy.

### Blogging Application | *Java Spring Boot*

- Implemented CRUD operations for user management, category APIs, and post APIs with relationships.
- Ensured security using Spring Security with Basic Auth and JWT and implemented role-specific access.

## Certifications

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- Accenture North America - Data Analytics and Visualization Job Simulation (Forage)
- AWS Cloud Practitioner Certificate (AWS)