

-- Database Schema for Portfolio & Task Management Web App

-- USERS TABLE

```
CREATE TABLE users (  
    user_id INT PRIMARY KEY AUTO_INCREMENT,  
    name VARCHAR(100) NOT NULL,  
    email VARCHAR(100) UNIQUE NOT NULL,  
    password_hash VARCHAR(255) NOT NULL,  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

-- TASKS TABLE

```
CREATE TABLE tasks (  
    task_id INT PRIMARY KEY AUTO_INCREMENT,  
    user_id INT,  
    title VARCHAR(255) NOT NULL,  
    description TEXT,  
    due_date DATE,  
    status ENUM('Pending', 'In Progress', 'Completed') DEFAULT 'Pending',  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
    FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE  
);
```

-- PROJECTS TABLE

```
CREATE TABLE projects (  
    project_id INT PRIMARY KEY AUTO_INCREMENT,  
    user_id INT,  
    title VARCHAR(255) NOT NULL,  
    description TEXT,  
    tech_stack VARCHAR(255),  
    link VARCHAR(255),  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
    FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE  
);
```

-- SKILLS TABLE

```
CREATE TABLE skills (  
    skill_id INT PRIMARY KEY AUTO_INCREMENT,  
    user_id INT,  
    skill_name VARCHAR(100) NOT NULL,  
    proficiency_level ENUM('Beginner', 'Intermediate', 'Advanced') NOT NULL,  
    FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE  
);
```

```
-- CONTACT MESSAGES TABLE
CREATE TABLE contact_messages (
  message_id INT PRIMARY KEY AUTO_INCREMENT,
  user_id INT,
  name VARCHAR(100) NOT NULL,
  email VARCHAR(100) NOT NULL,
  message TEXT NOT NULL,
  sent_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE SET NULL
);
```

```
-- SAMPLE DATA INSERTION
INSERT INTO users (name, email, password_hash) VALUES
('Rishit Kohli', 'rishit@example.com', 'hashed_password_1'),
('Alok Mehra', 'alok@example.com', 'hashed_password_2'),
('Ananya Rao', 'ananya@example.com', 'hashed_password_3'),
('Deepak Jain', 'deepak@example.com', 'hashed_password_4'),
('Priya Singh', 'priya@example.com', 'hashed_password_5');
```

```
INSERT INTO tasks (user_id, title, description, due_date, status) VALUES
(1, 'Complete Resume', 'Finish the resume by Sunday', '2025-05-30', 'Pending'),
(1, 'Study DBMS', 'Revise for the DBMS exam', '2025-05-27', 'In Progress'),
(2, 'Finalize Event Plan', 'Event plan for VIKAS', '2025-06-01', 'Pending'),
(3, 'Deploy Website', 'Host the portfolio site on Netlify', '2025-06-05', 'Completed'),
(4, 'Write Blog Post', 'New blog post on AI tools', '2025-06-02', 'Pending');
```

```
INSERT INTO projects (user_id, title, description, tech_stack, link) VALUES
(1, 'Eyevoce', 'Voice-based aid for visually challenged', 'Python, Pico, Ultrasonic',
'https://github.com/eyevoce'),
(1, 'Task Manager', 'Portfolio + task tracker', 'MERN Stack', 'https://github.com/task-manager'),
(2, 'VIKAS Website', 'Event website for VIKAS initiative', 'HTML, CSS, JS',
'https://vikas-vit.netlify.app'),
(3, 'E-commerce Clone', 'Amazon UI clone', 'React, Firebase', 'https://github.com/ecom-clone'),
(4, 'AI Chatbot', 'Chatbot for student queries', 'Python, Flask', 'https://github.com/chatbot-ai');
```

```
INSERT INTO skills (user_id, skill_name, proficiency_level) VALUES
(1, 'Python', 'Advanced'),
(1, 'React', 'Intermediate'),
(2, 'Event Management', 'Advanced'),
(3, 'Java', 'Intermediate'),
(4, 'Machine Learning', 'Advanced');
```

```
INSERT INTO contact_messages (user_id, name, email, message) VALUES
(1, 'Rishit Kohli', 'rishit@example.com', 'Interested in collaboration.'),
(2, 'Alok Mehra', 'alok@example.com', 'Feedback on your portfolio.'),
(3, 'Ananya Rao', 'ananya@example.com', 'Please share more project details.'),
(4, 'Deepak Jain', 'deepak@example.com', 'Can we connect for a project?'),
(5, 'Priya Singh', 'priya@example.com', 'Nice portfolio design.');
```